

FIG. 2A

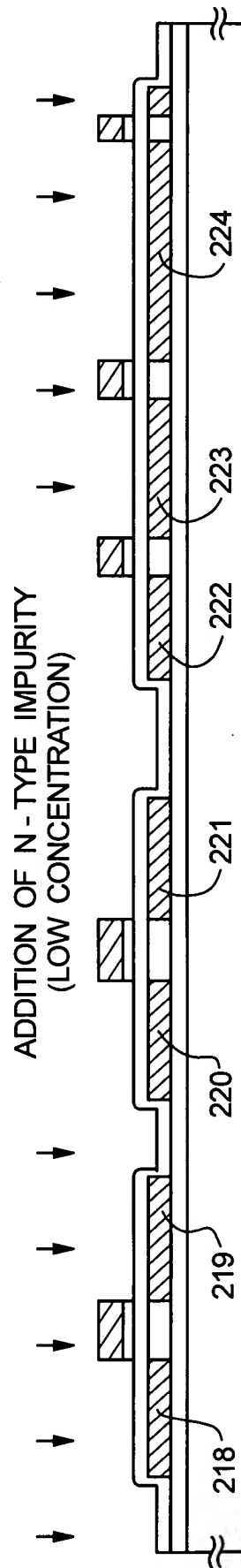


FIG. 2B

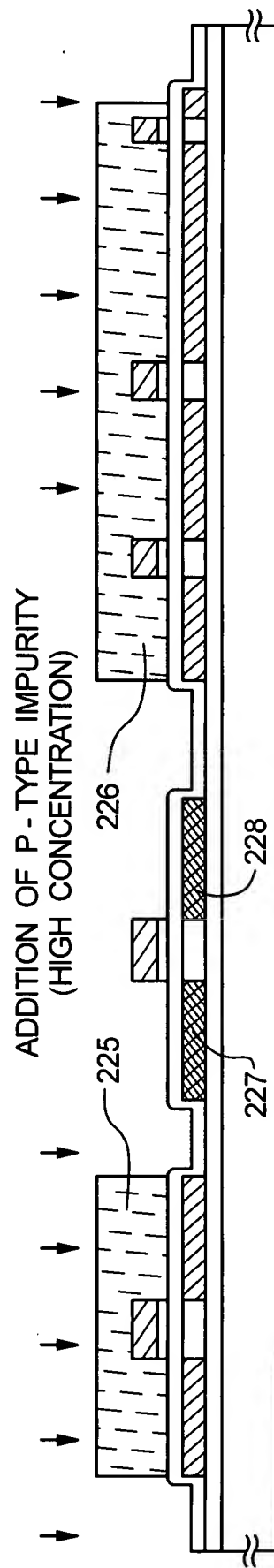


FIG. 2C



**FIG. 3A**



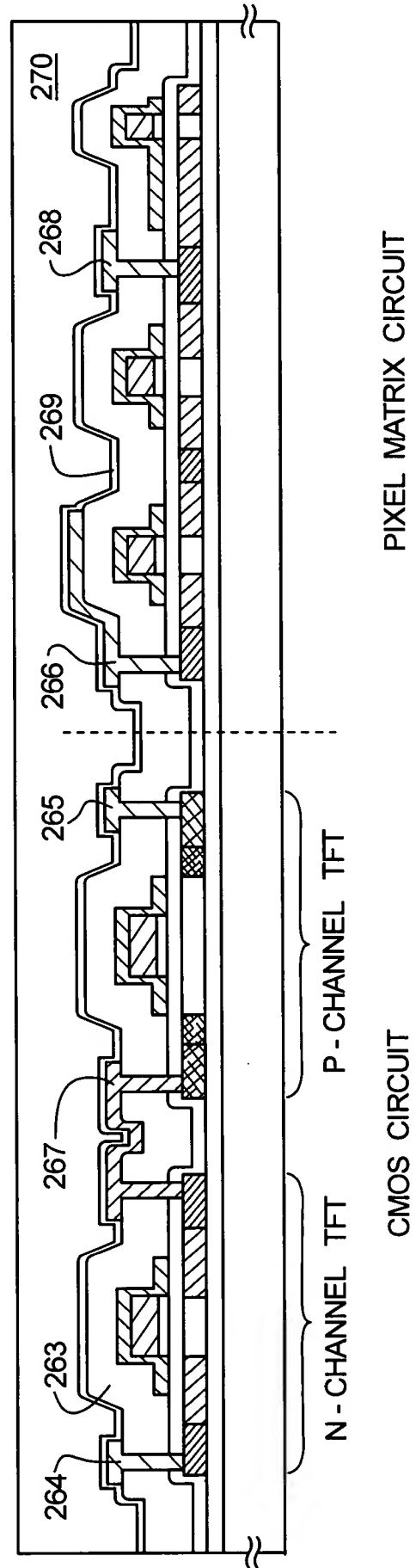
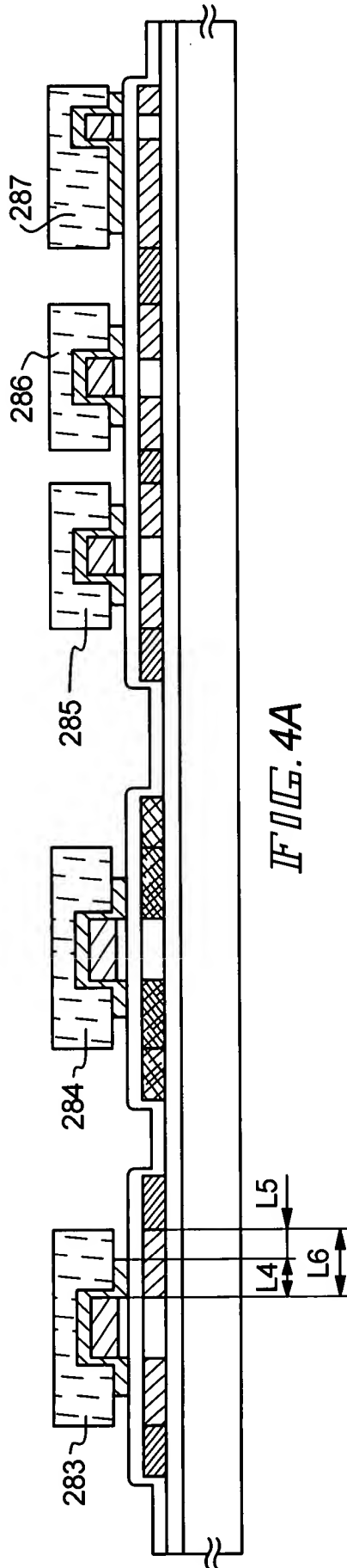
***FUG. 3B***



	N-CHANNEL TFT	P-CHANNEL TFT
B		
B'		
A		

**FILE. 3C**

# PIXEL MATRIX CIRCUIT



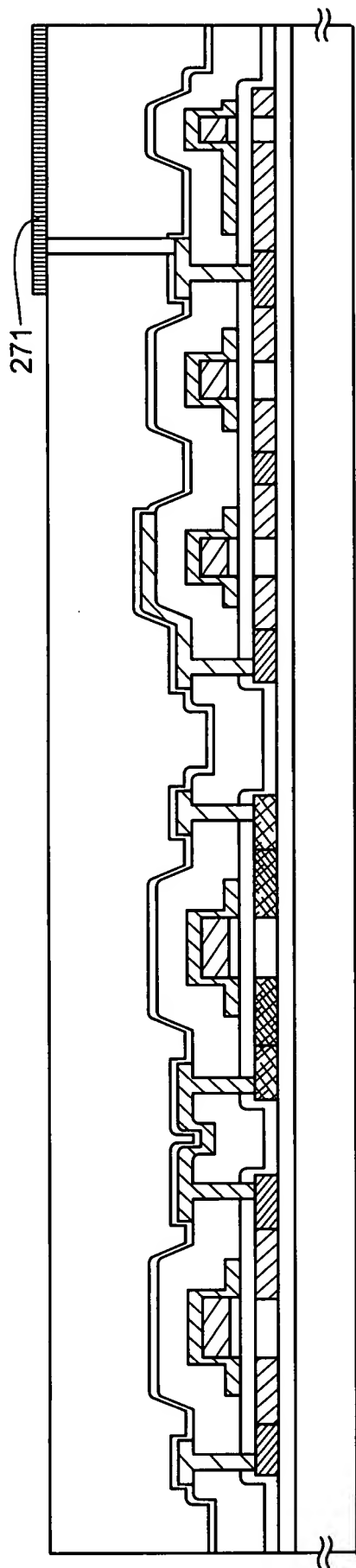
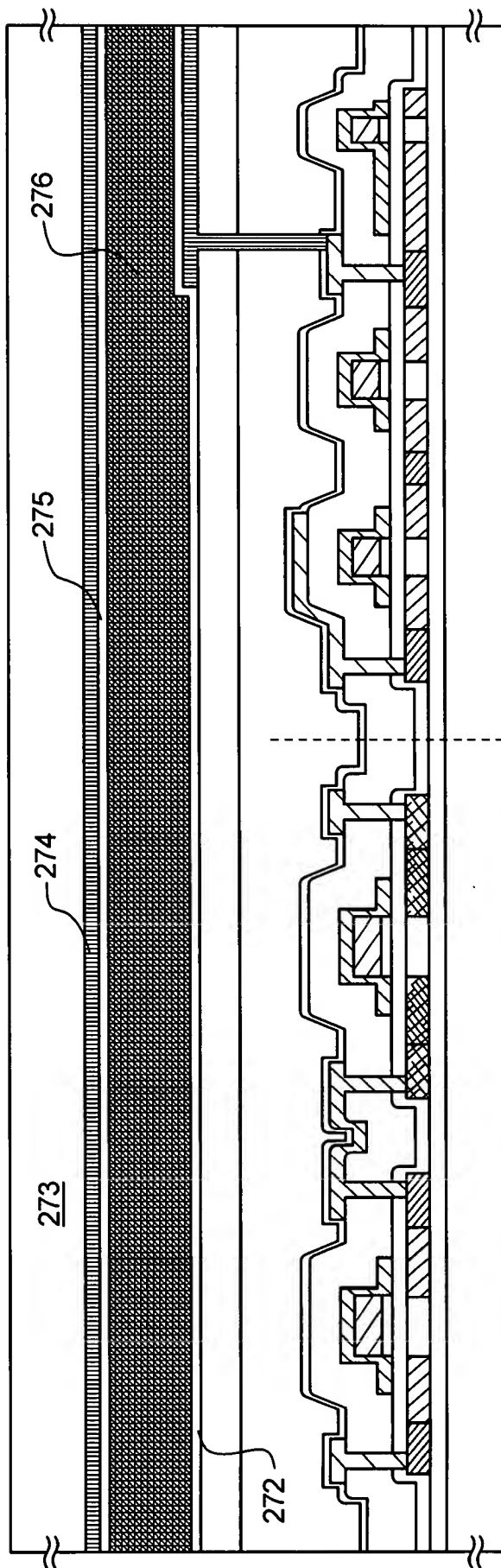


FIG. 5A



PIXEL MATRIX CIRCUIT

CMOS CIRCUIT

FIG. 5B

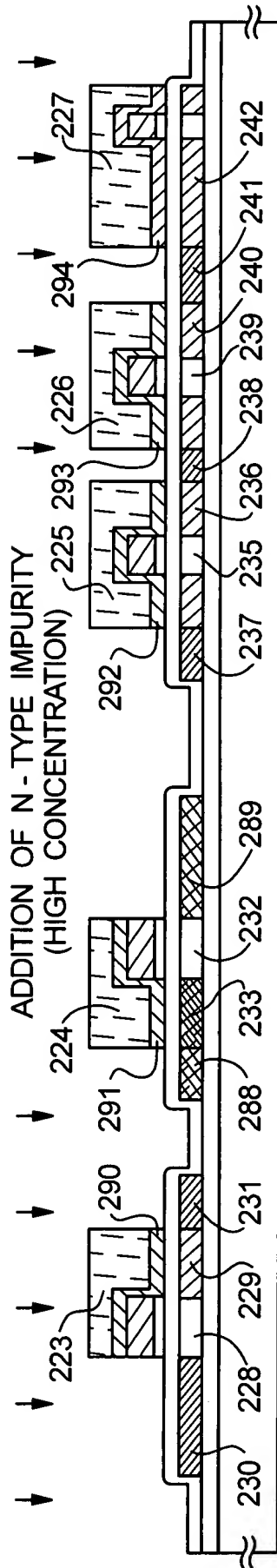


FIG. 6A

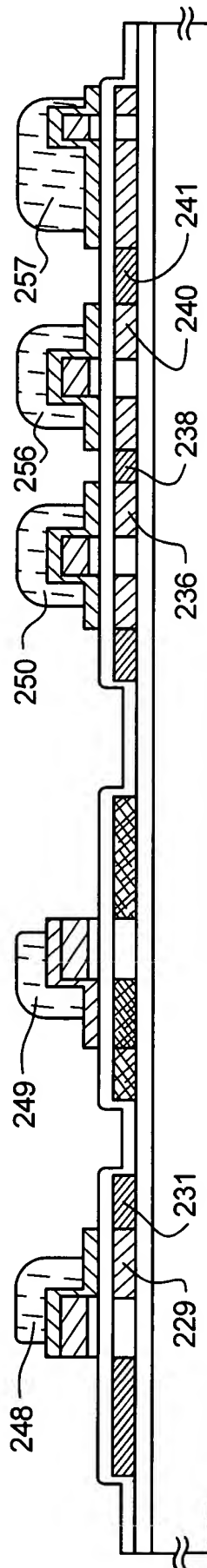
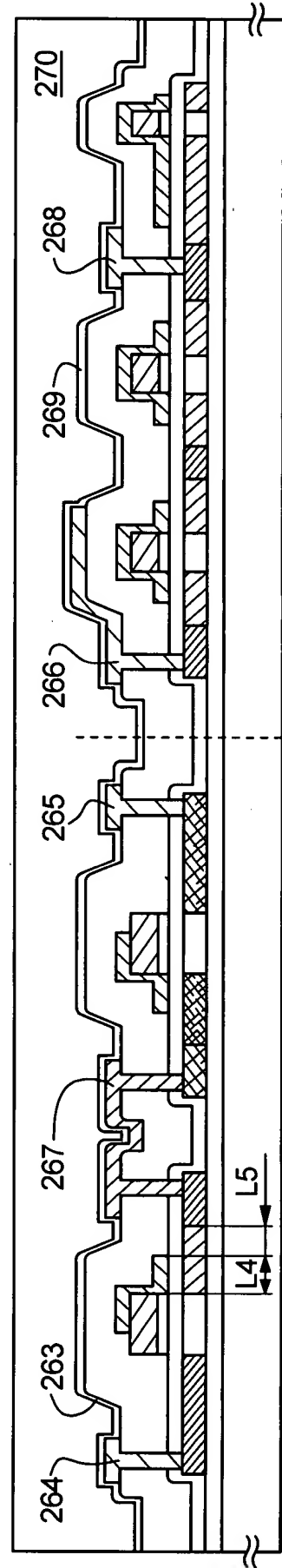


FIG. 6B



N-CHANNEL TFT  
CMOS CIRCUIT

P-CHANNEL TFT

PIXEL MATRIX CIRCUIT

FIG. 6C

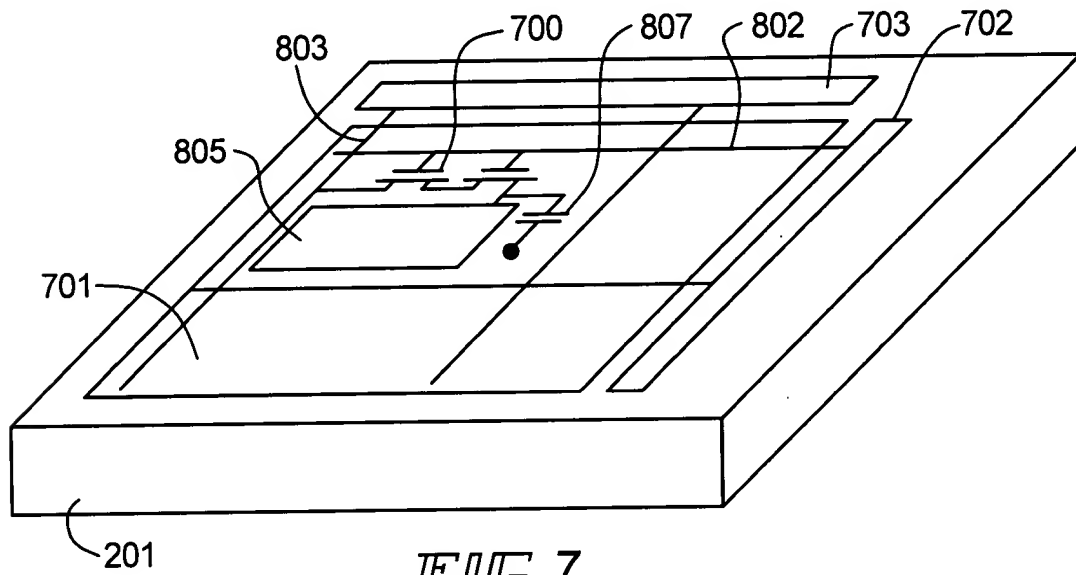
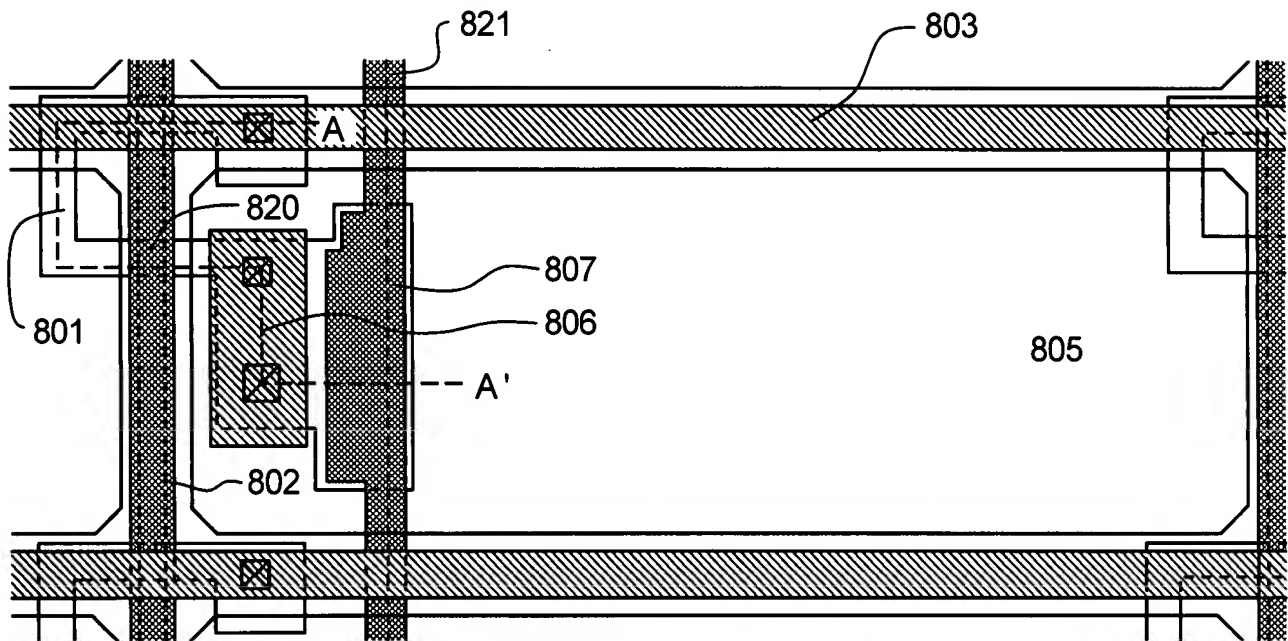
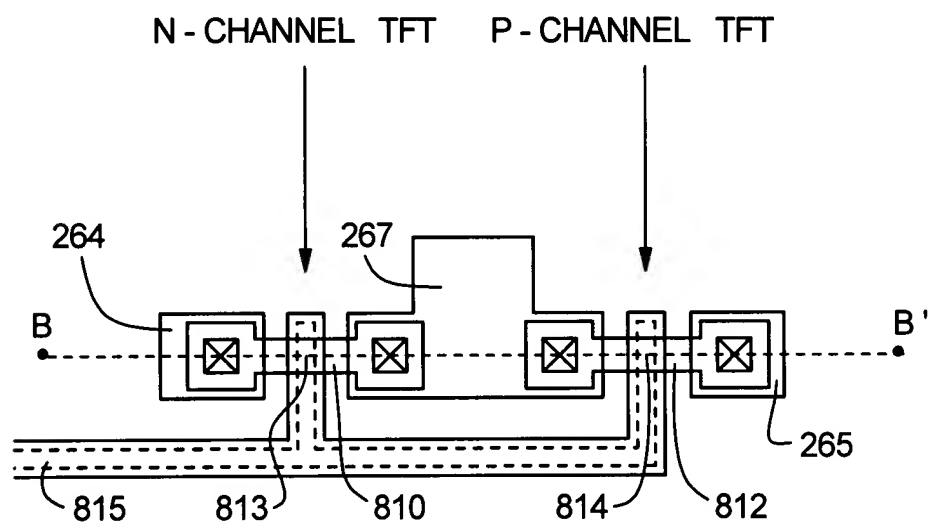


FIG. 7



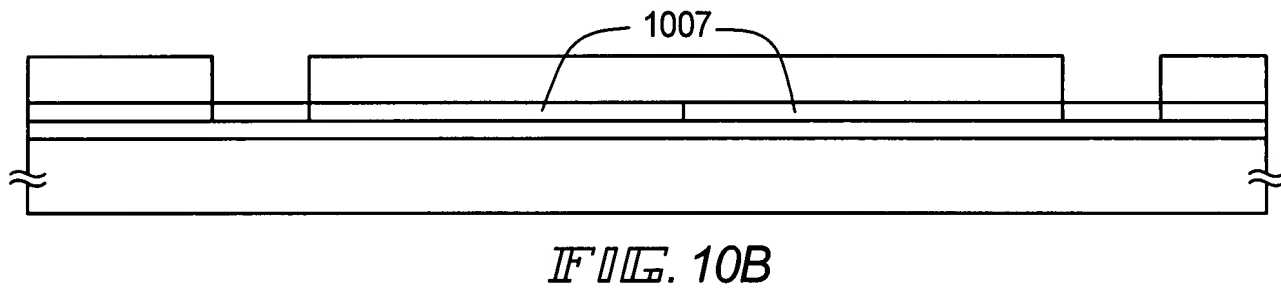
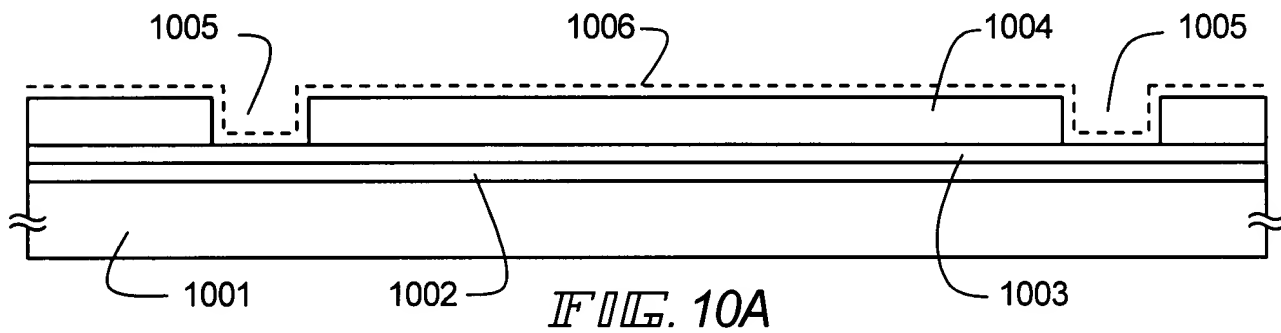
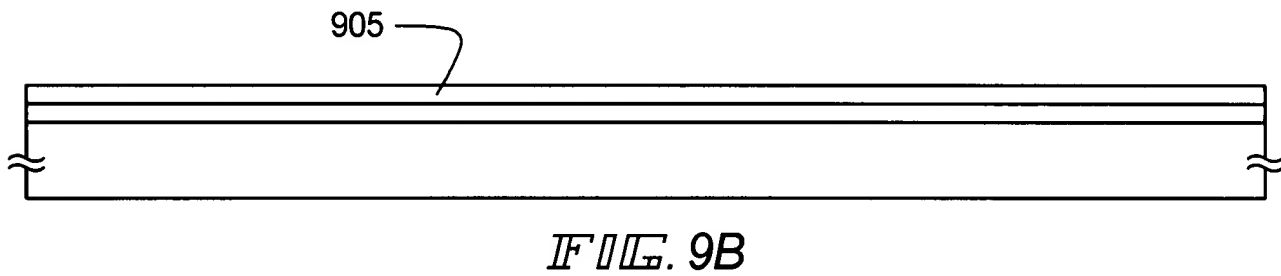
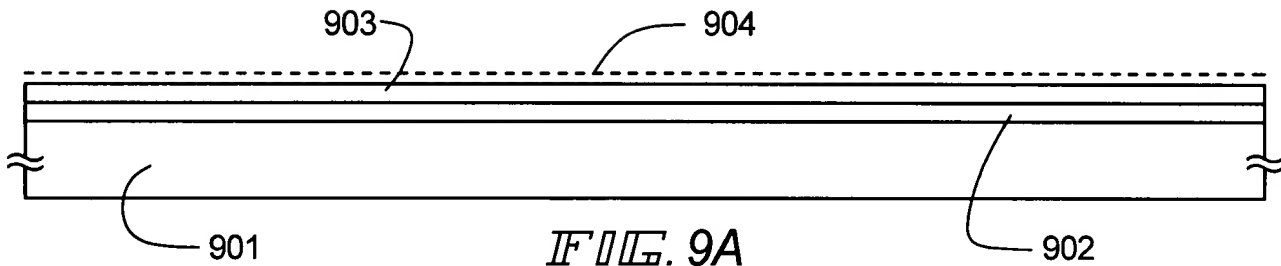
**FIG. 8A**



**FIG. 8B**







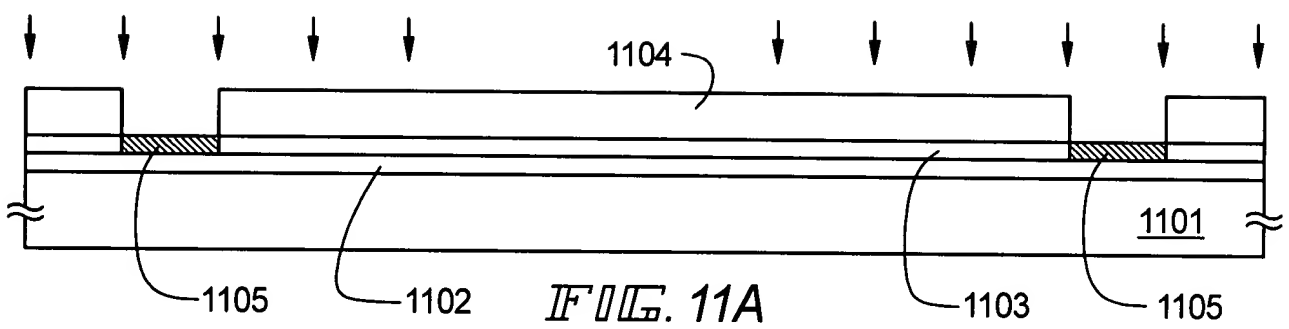


FIG. 11A

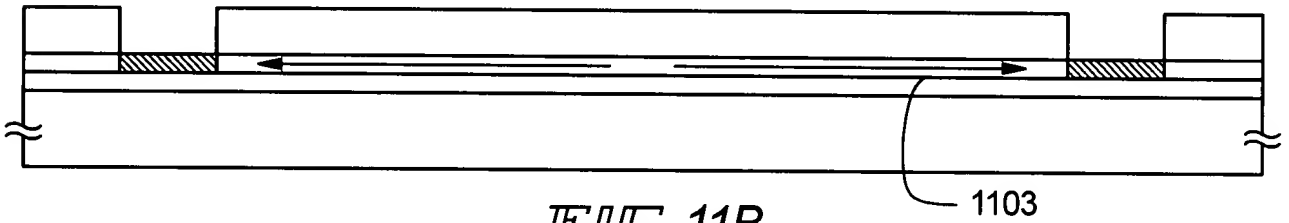


FIG. 11B

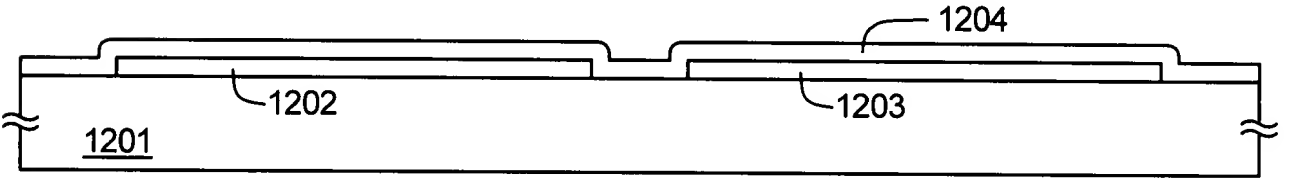


FIG. 12A

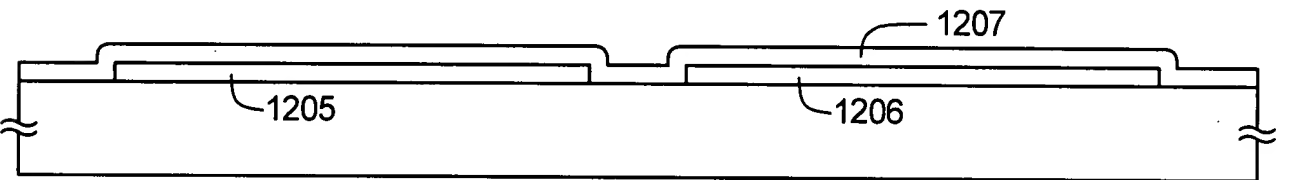


FIG. 12B

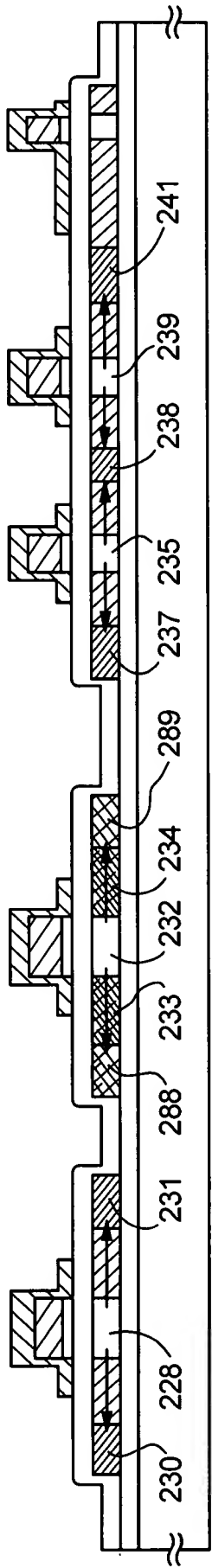


FIG. 13

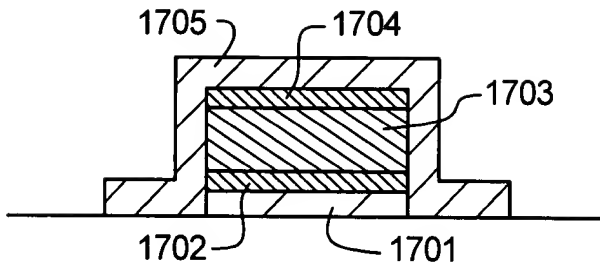


FIG. 14A

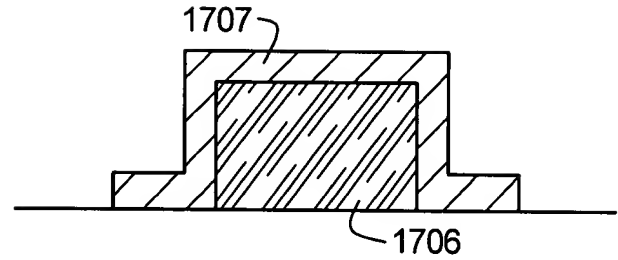


FIG. 14B

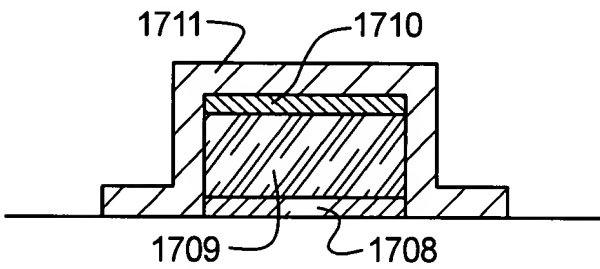


FIG. 14C

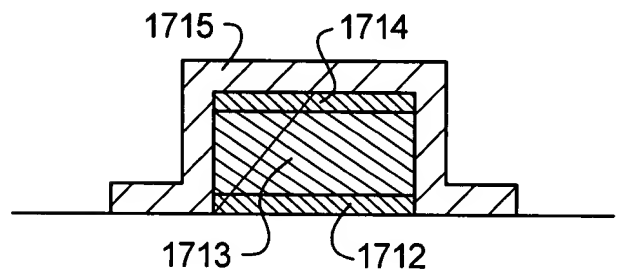


FIG. 14D

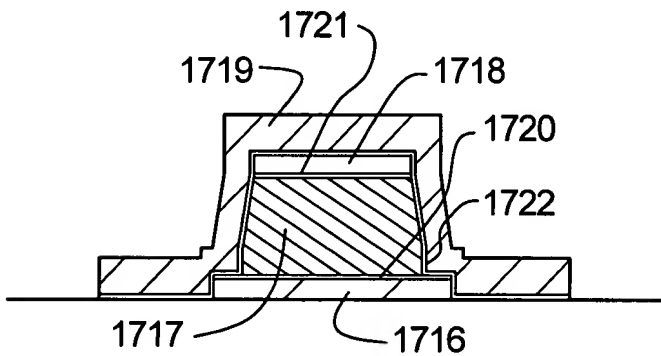


FIG. 14E

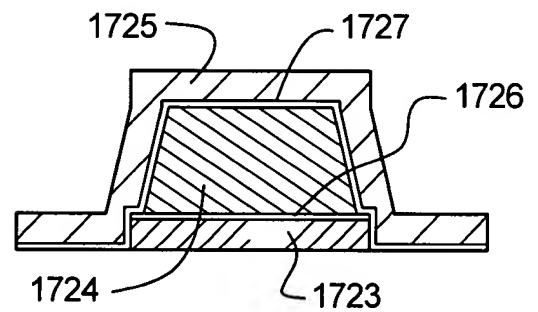


FIG. 14F

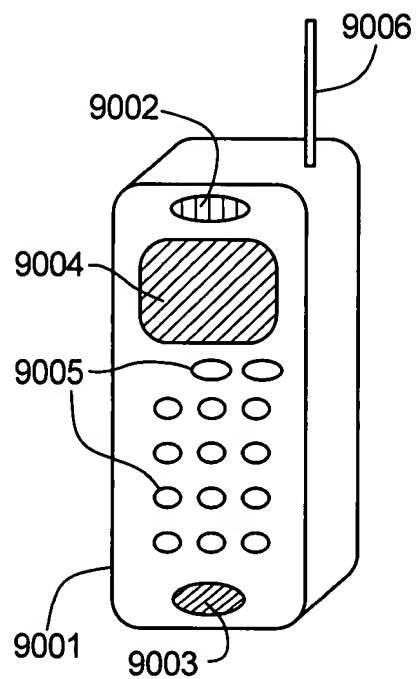


FIG. 15A

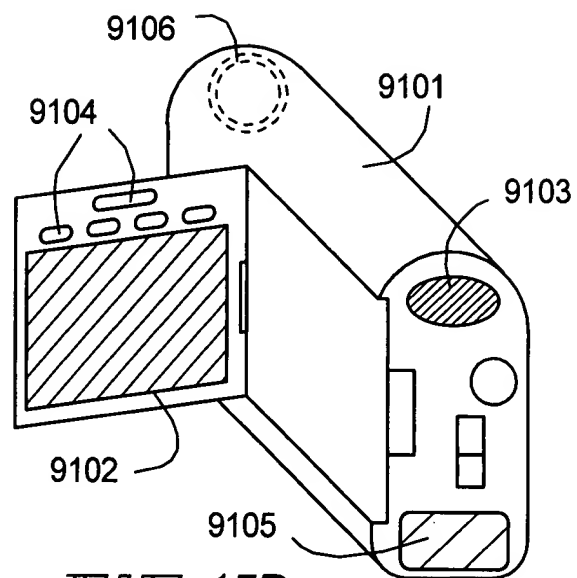


FIG. 15B

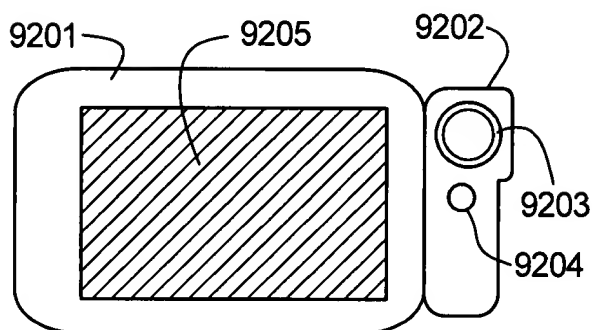


FIG. 15C

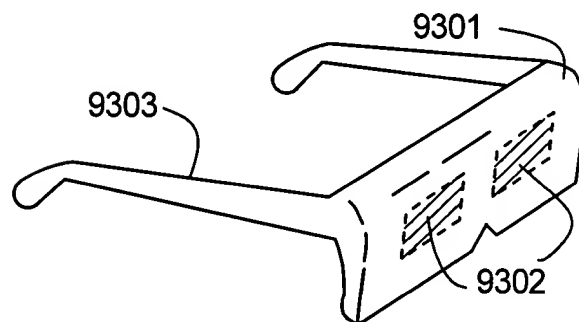


FIG. 15D

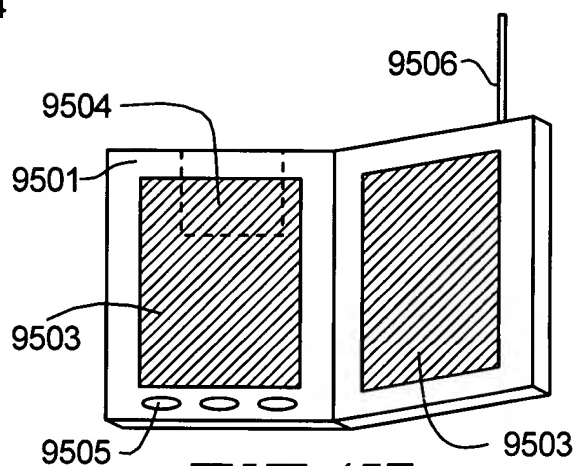


FIG. 15E

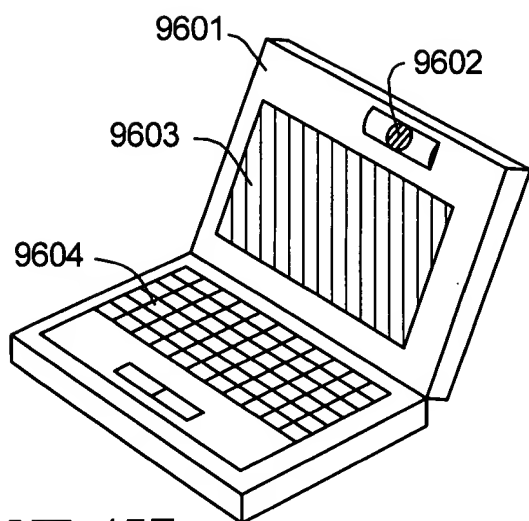


FIG. 15F

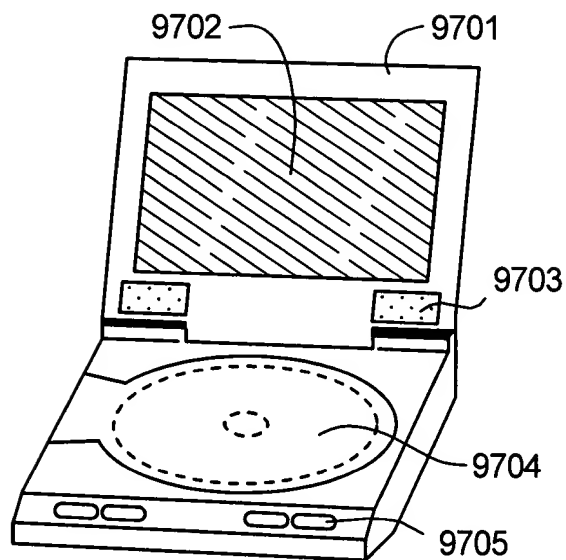


FIG. 15G

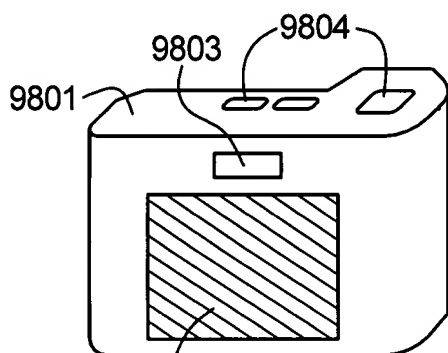


FIG. 15H

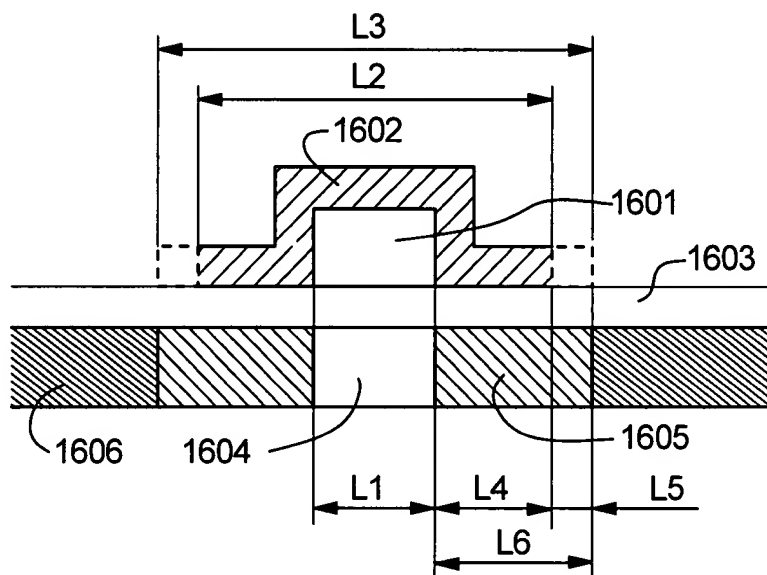


FIG. 16

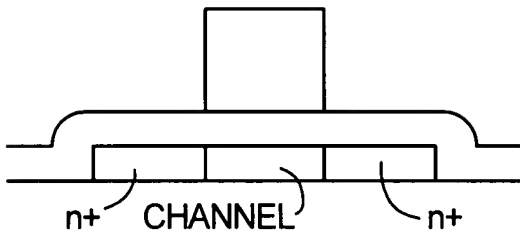


FIG. 17A-1

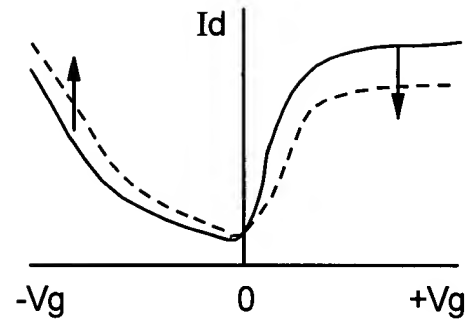


FIG. 17B-1

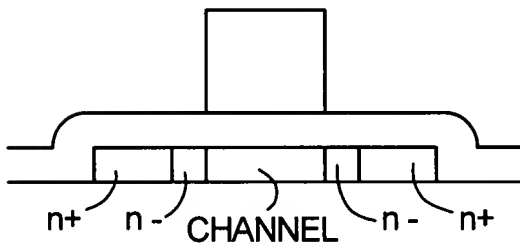


FIG. 17A-2

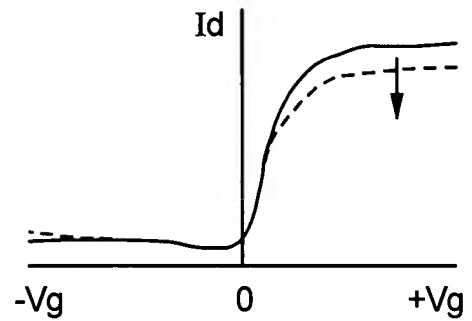


FIG. 17B-2

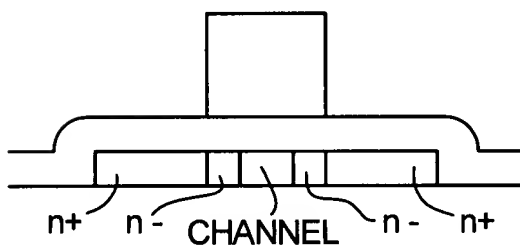


FIG. 17A-3

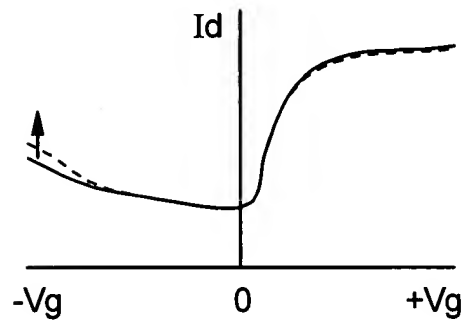


FIG. 17B-3

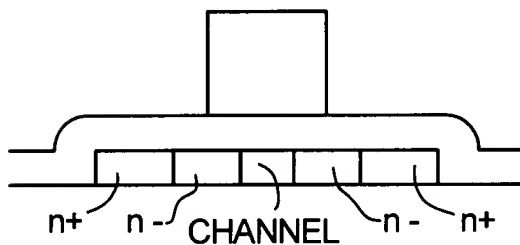


FIG. 17A-4

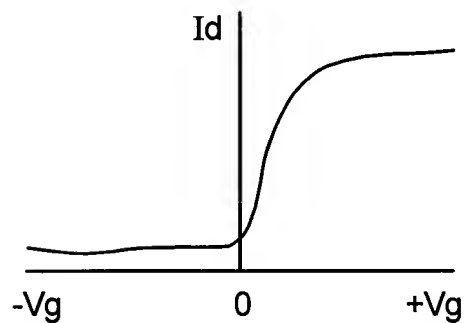


FIG. 17B-4

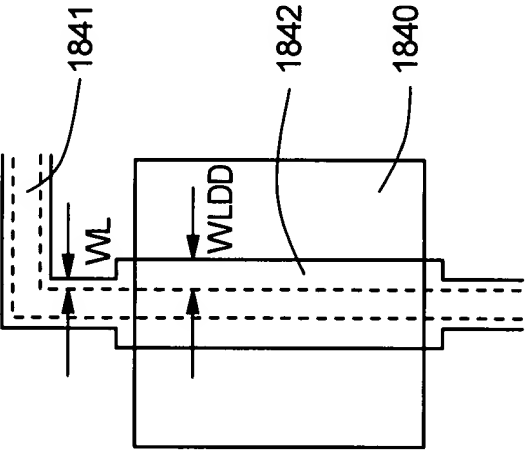


FIG. 18

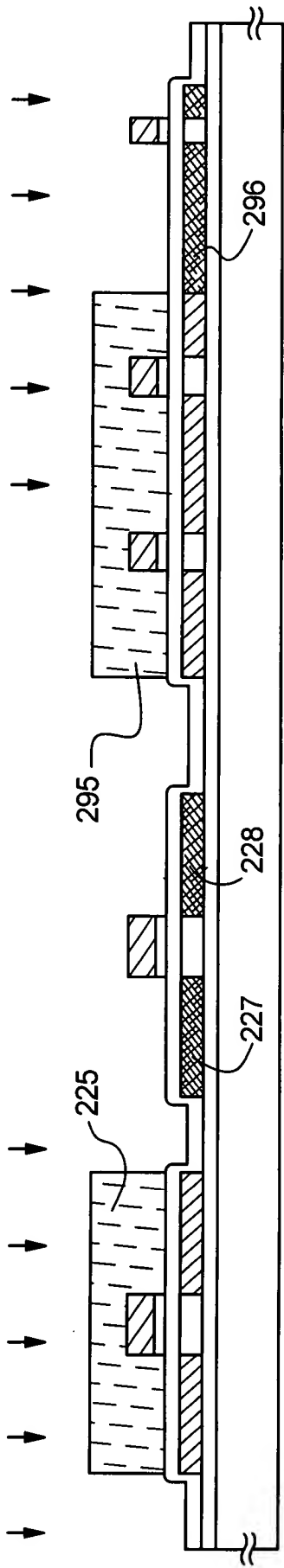


FIG. 19



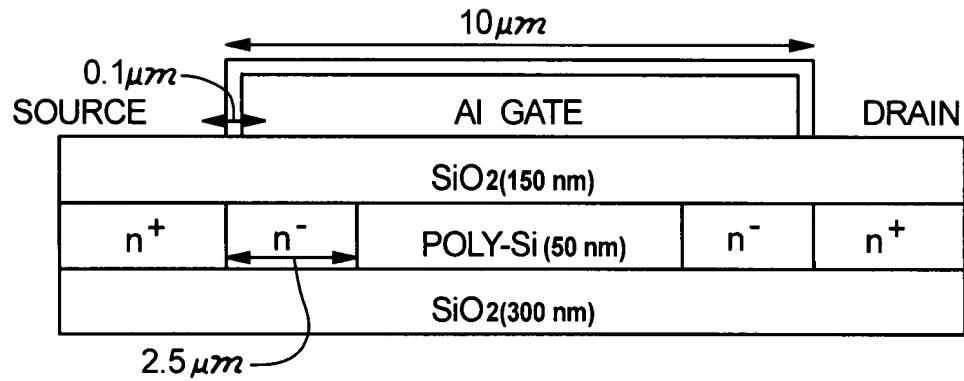
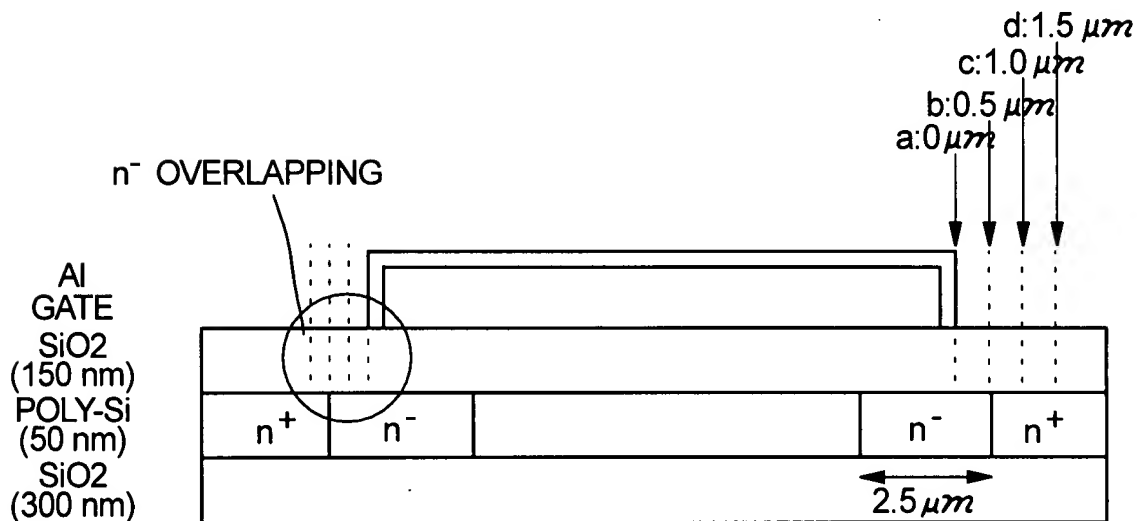


FIG. 20A

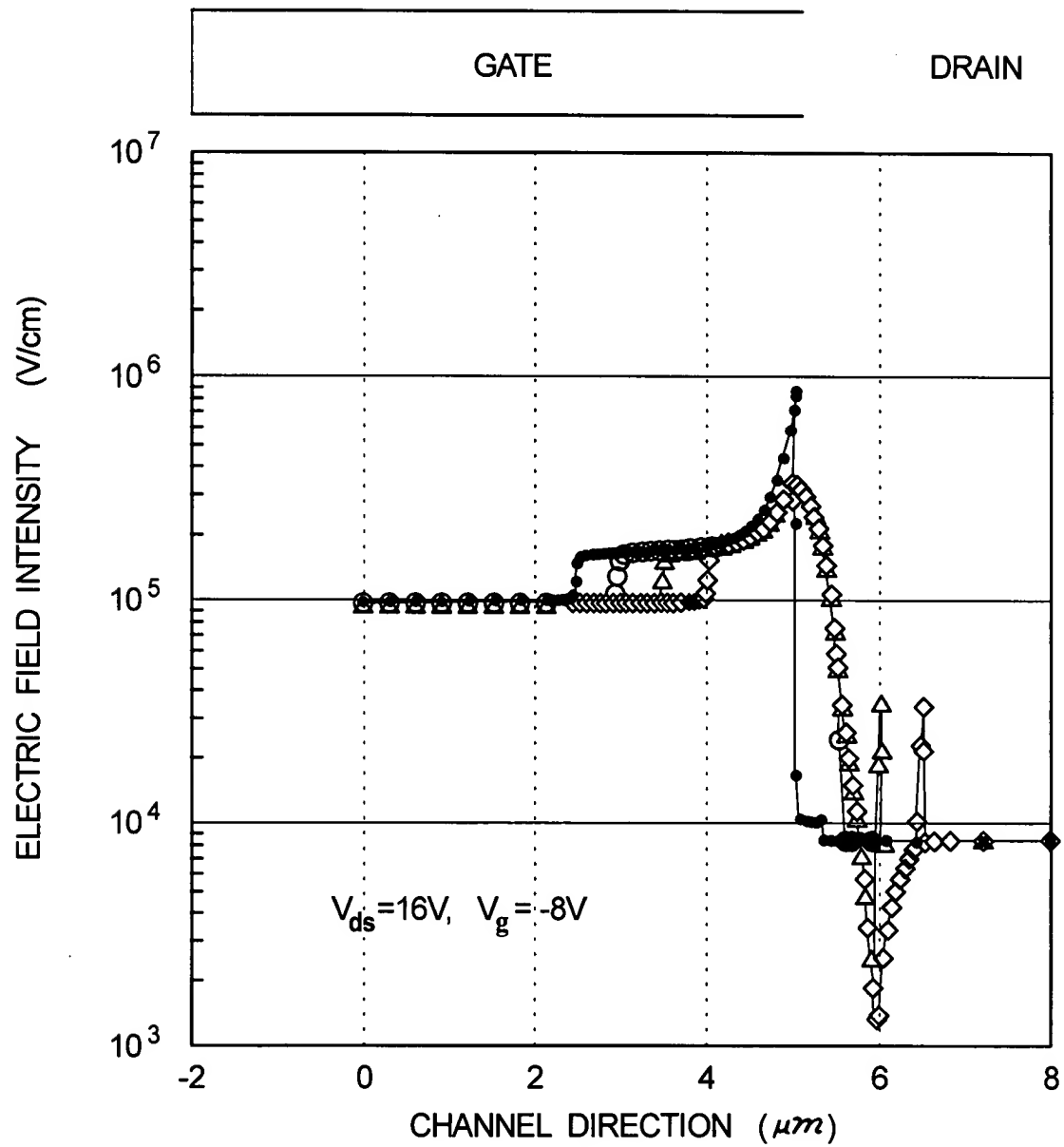


※ WIDTH OF n<sup>-</sup> REGION IS FIXED IN 2.5 μm

CONCENTRATION OF n<sup>-</sup> REGION (ACTIVATED CONC.): 4.2E17/cm<sup>3</sup>

CONCENTRATION OF n<sup>+</sup> REGION (ACTIVATED CONC.): 2E20/cm<sup>3</sup>

FIG. 20B



---  
N<sup>-</sup> CONCENTRATION :  $4.2E17/cm^3$

- b: LDD  $0.5\mu m$  + GOLD  $2.0\mu m$
- △— c: LDD  $1.0\mu m$  + GOLD  $1.5\mu m$
- ◇— d: LDD  $1.5\mu m$  + GOLD  $1.0\mu m$
- a: LDD  $0\mu m$  + GOLD  $2.5\mu m$

*FIG. 21*

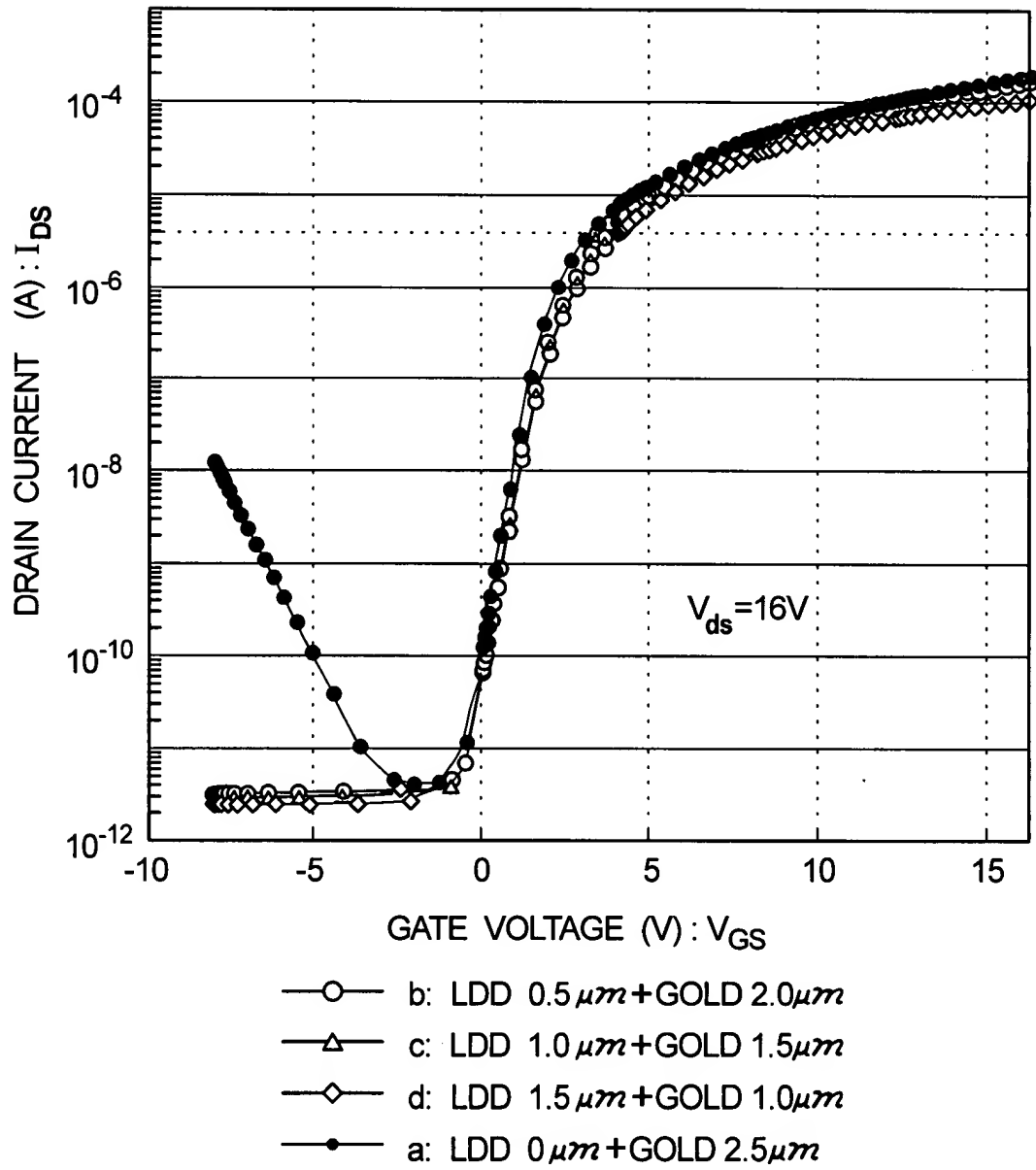
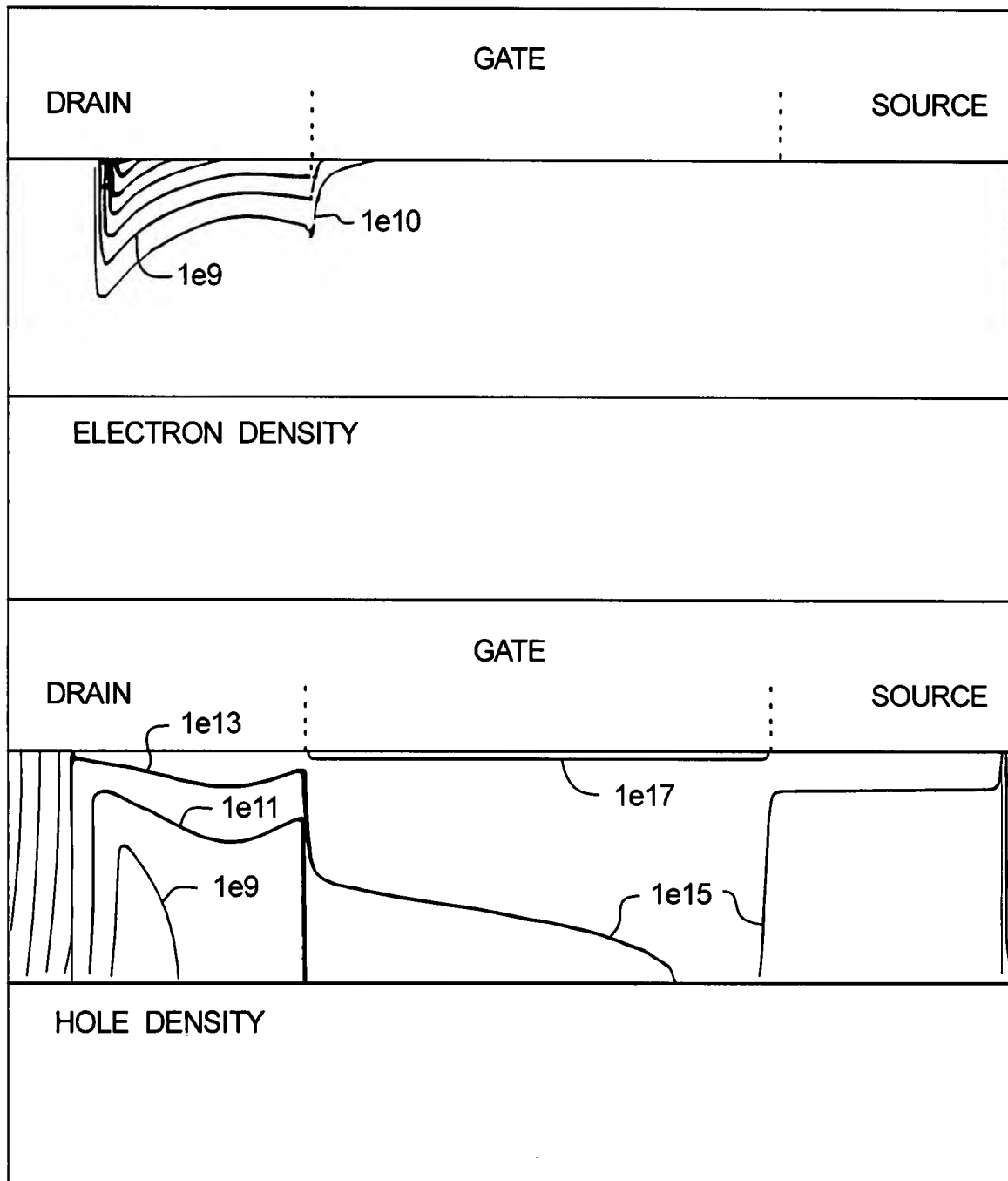
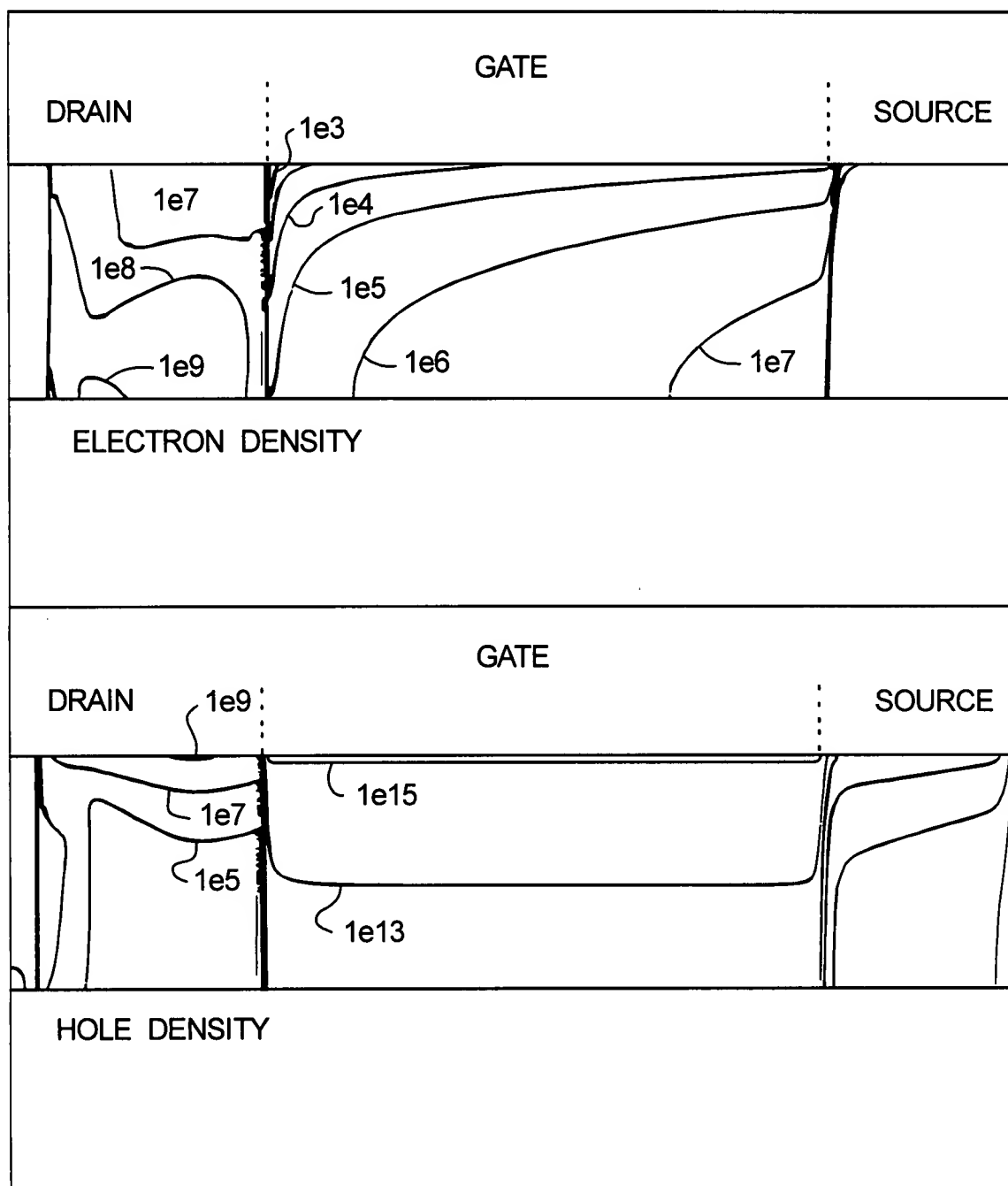


FIG. 22



GOLD ( $2.5\mu m$ ) +LDD ( $0\mu m$ )

FIG. 23



GOLD ( $2.0\mu m$ ) + LDD ( $0.5\mu m$ )

FIG. 24

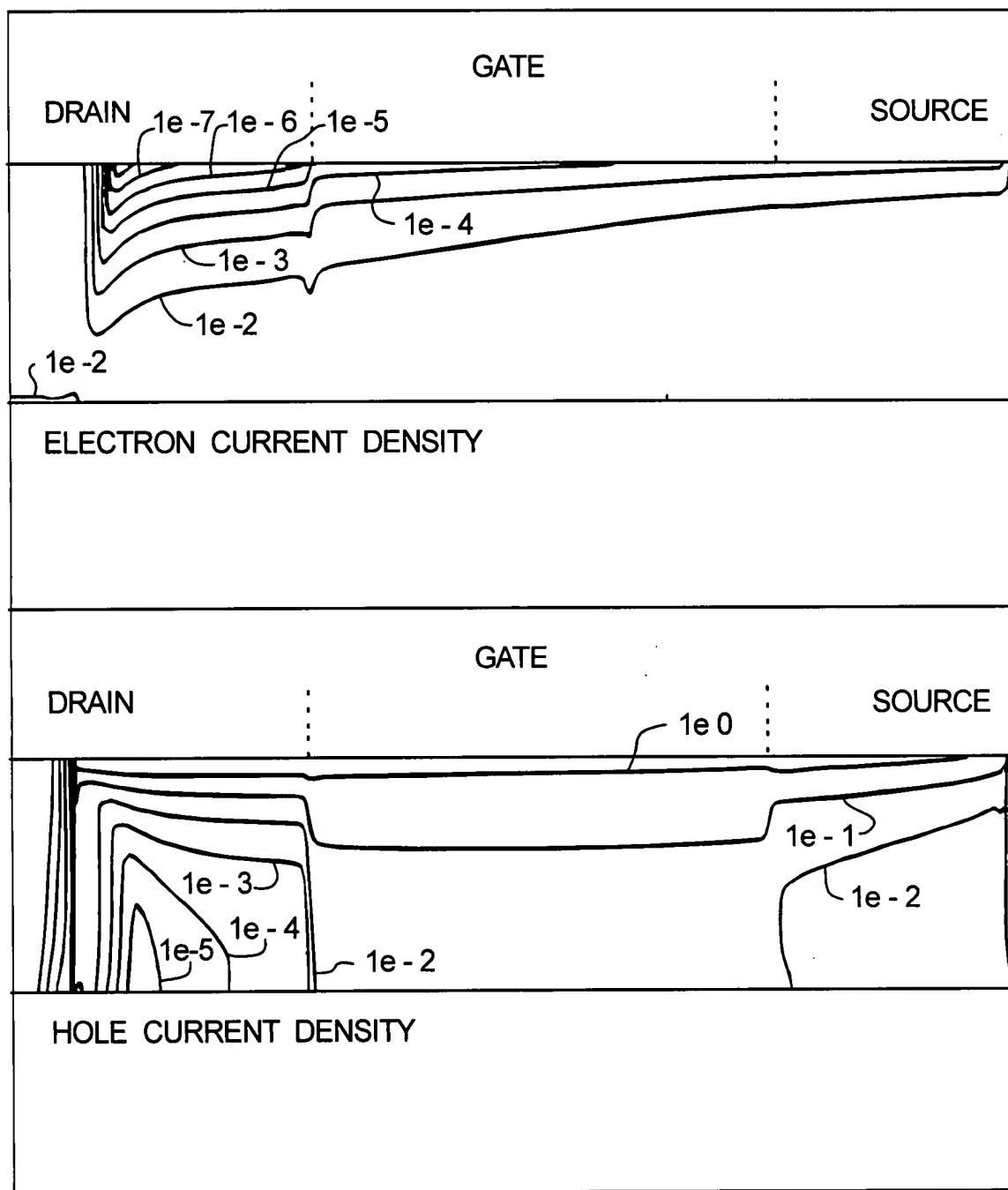
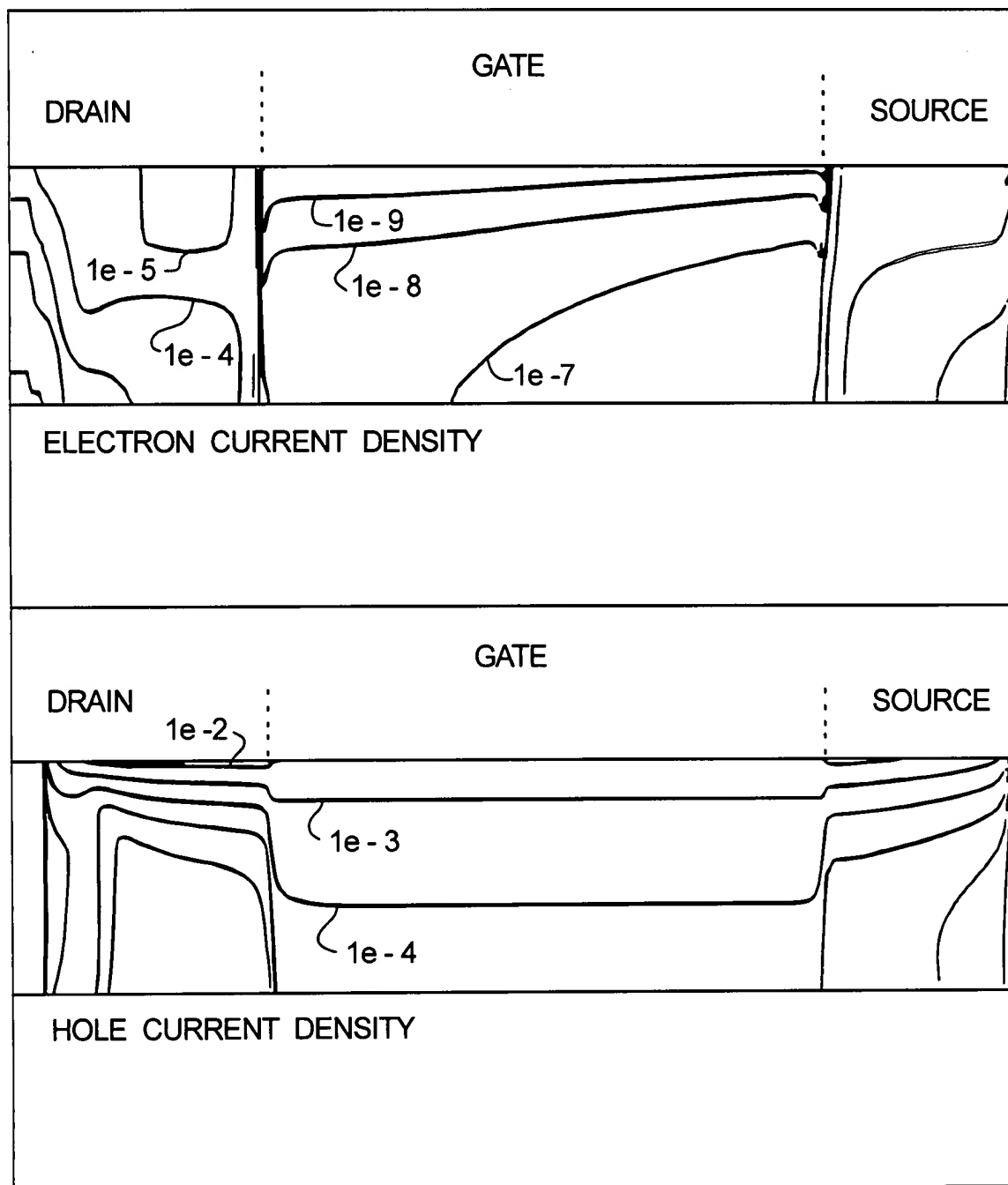
GOLD ( $2.5\mu m$ ) + LDD ( $0\mu m$ )

FIG. 25



GOLD ( $2.0\mu m$ ) + LDD ( $0.5\mu m$ )

FIG. 26

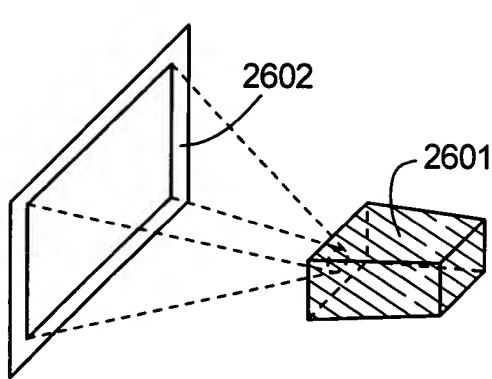


FIG. 27A

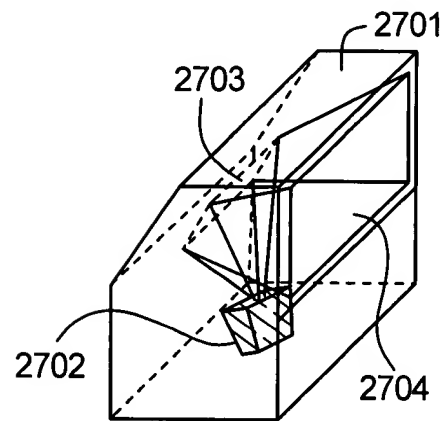


FIG. 27B

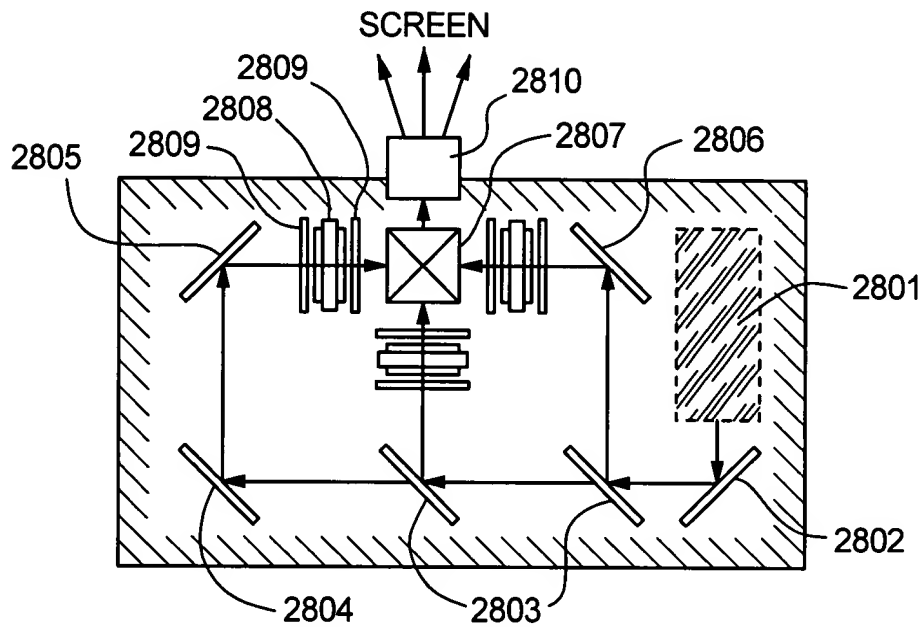
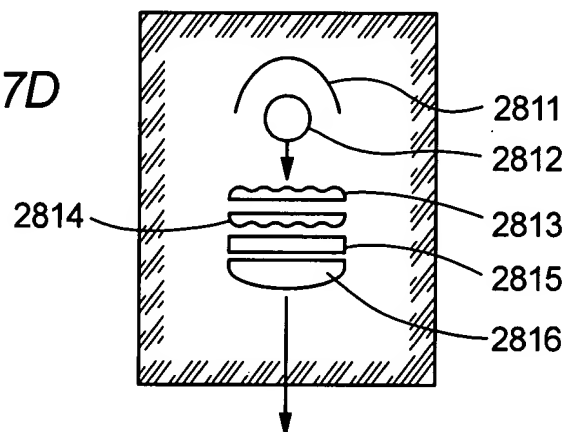


FIG. 27C

FIG. 27D





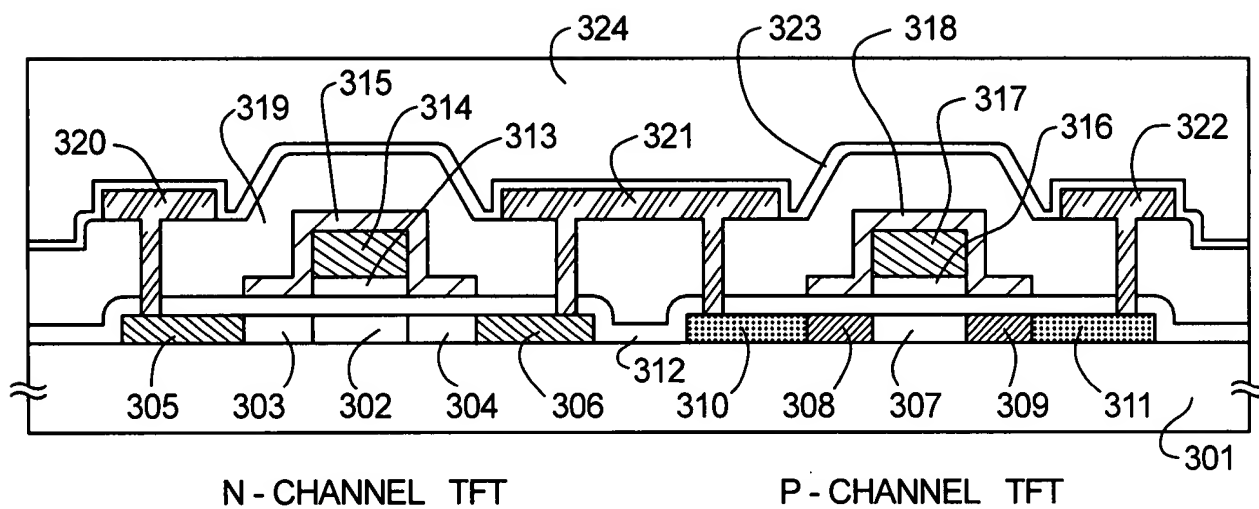


FIG. 28

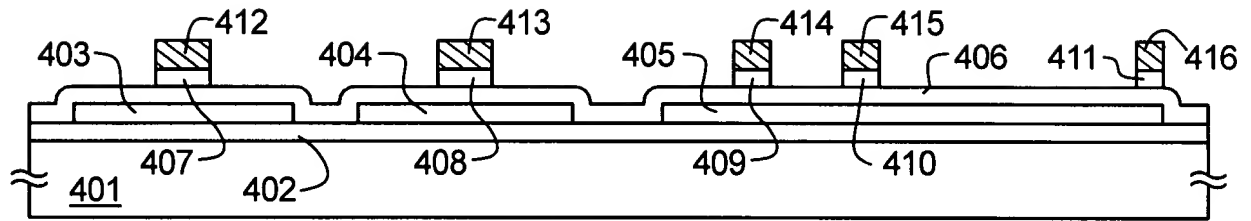


FIG. 29A

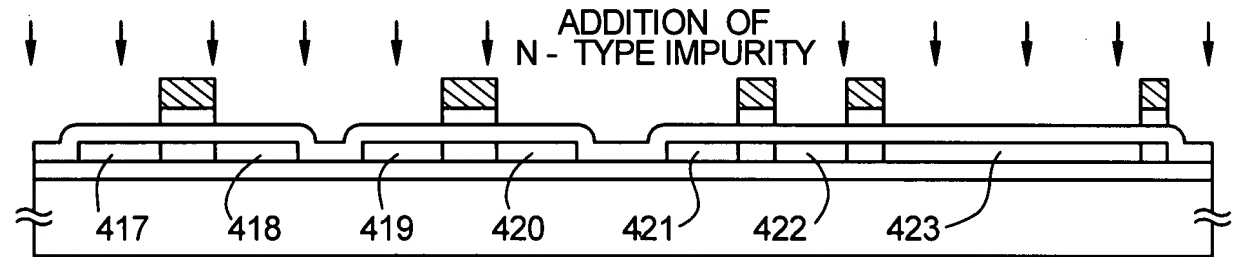


FIG. 29B

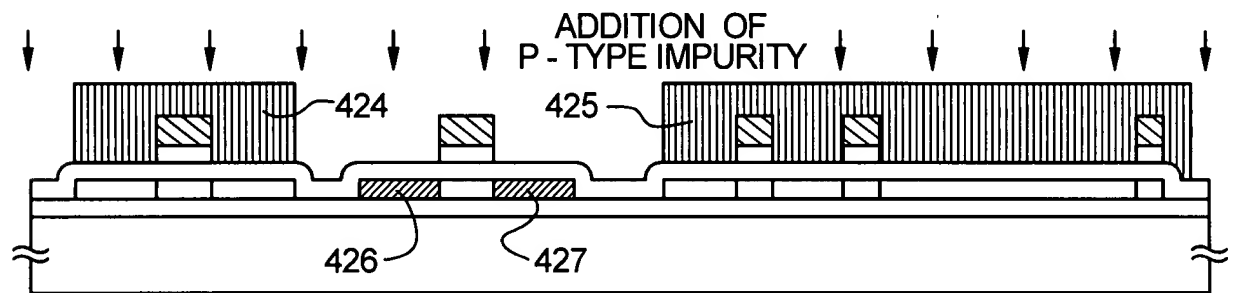


FIG. 29C

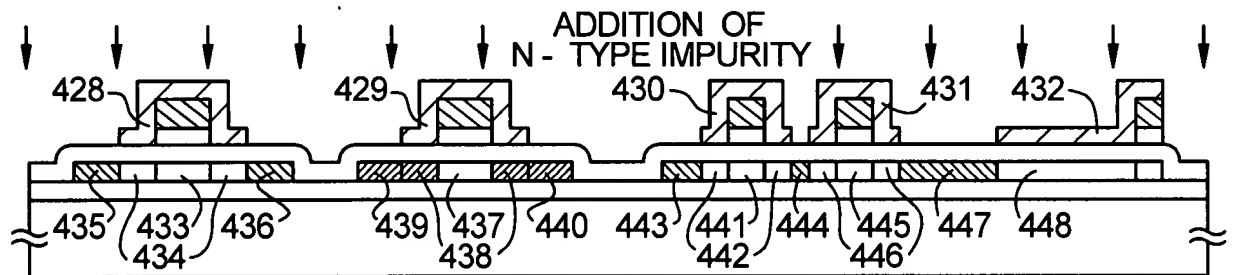


FIG. 29D

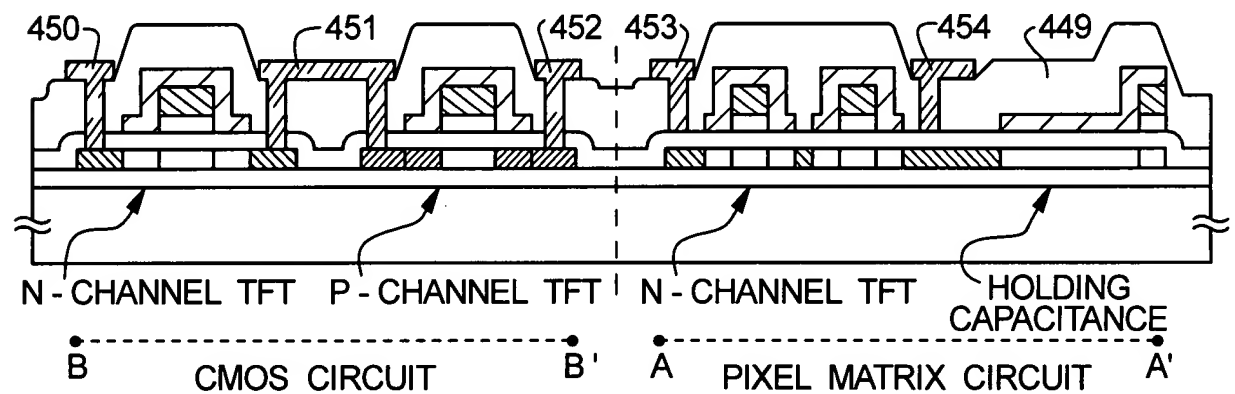


FIG. 29E

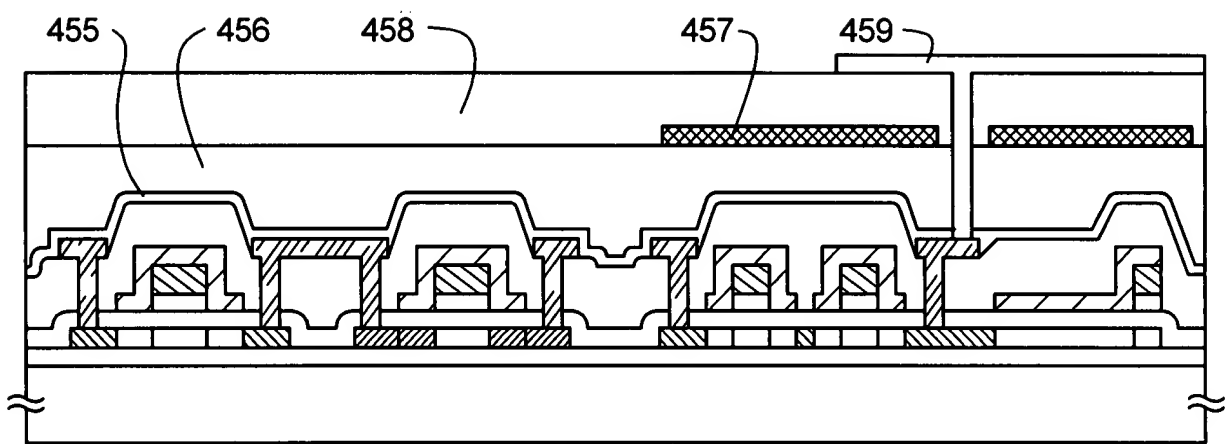


FIG. 30A

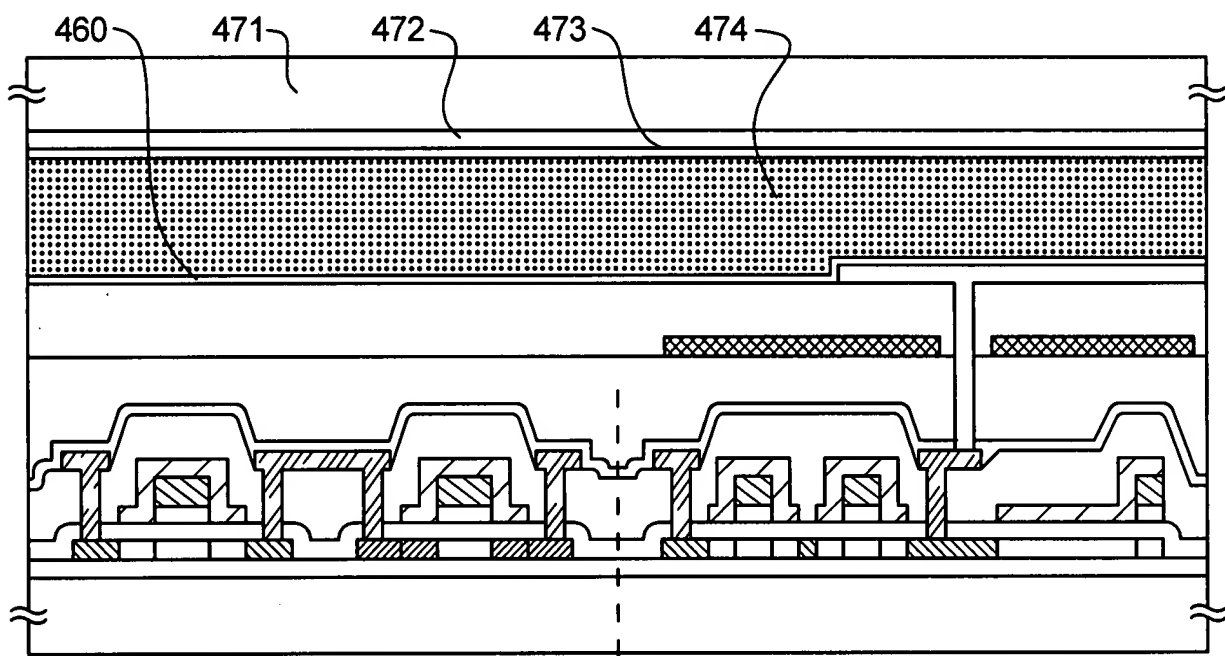


FIG. 30B

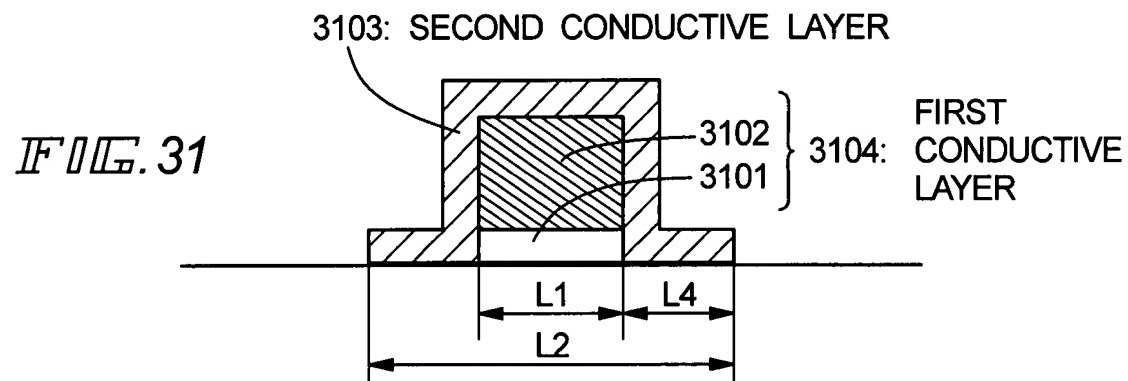


FIG. 31



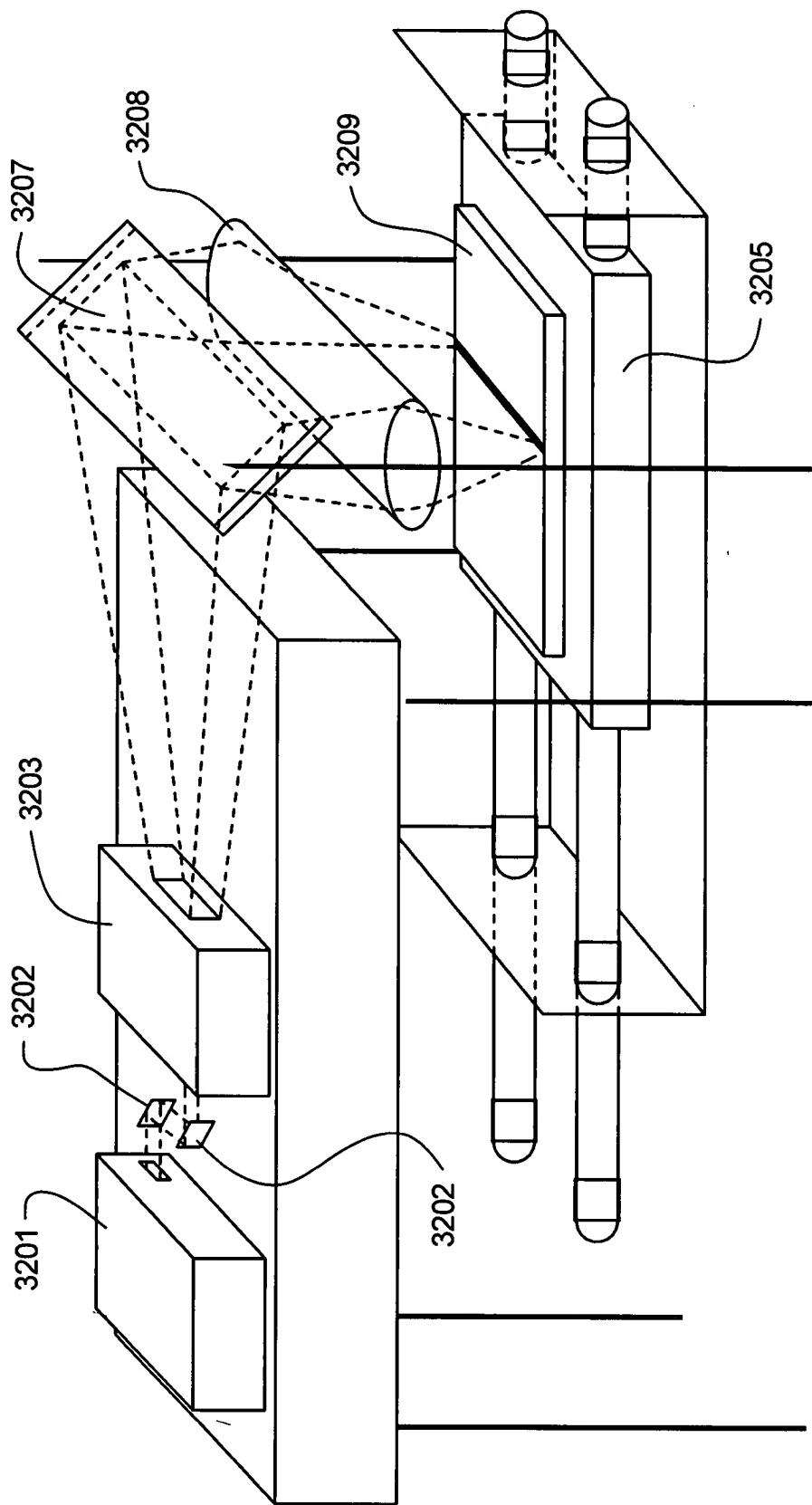
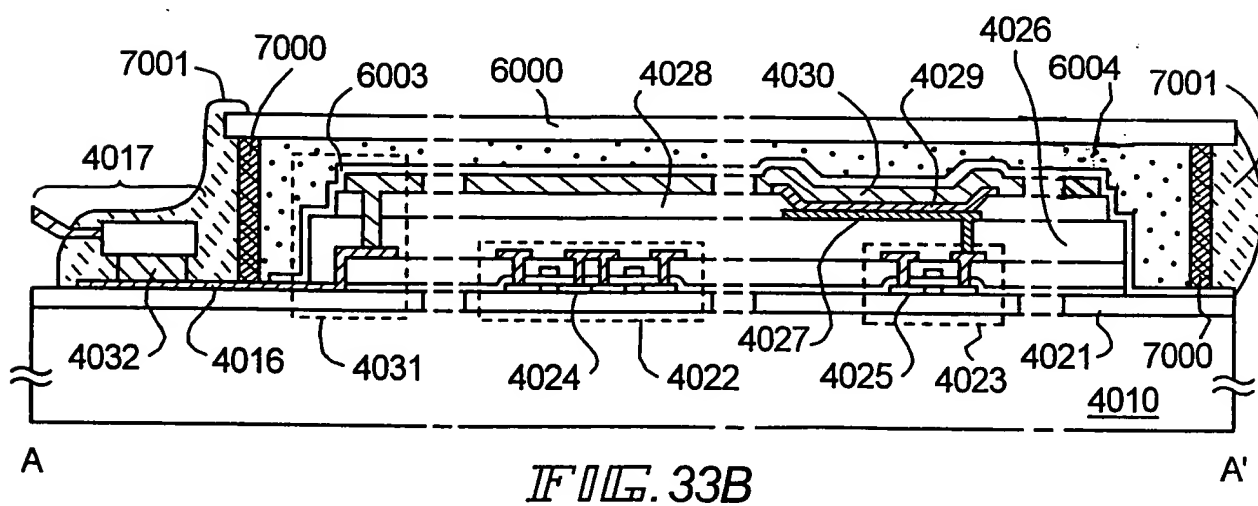
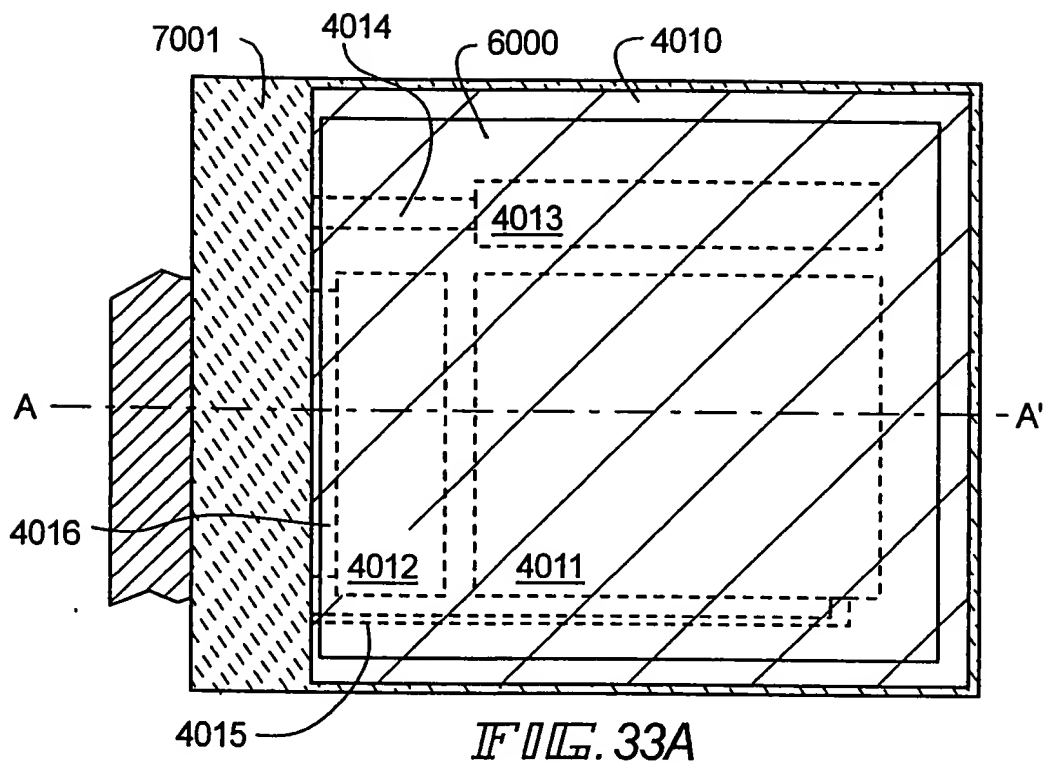


FIG. 32



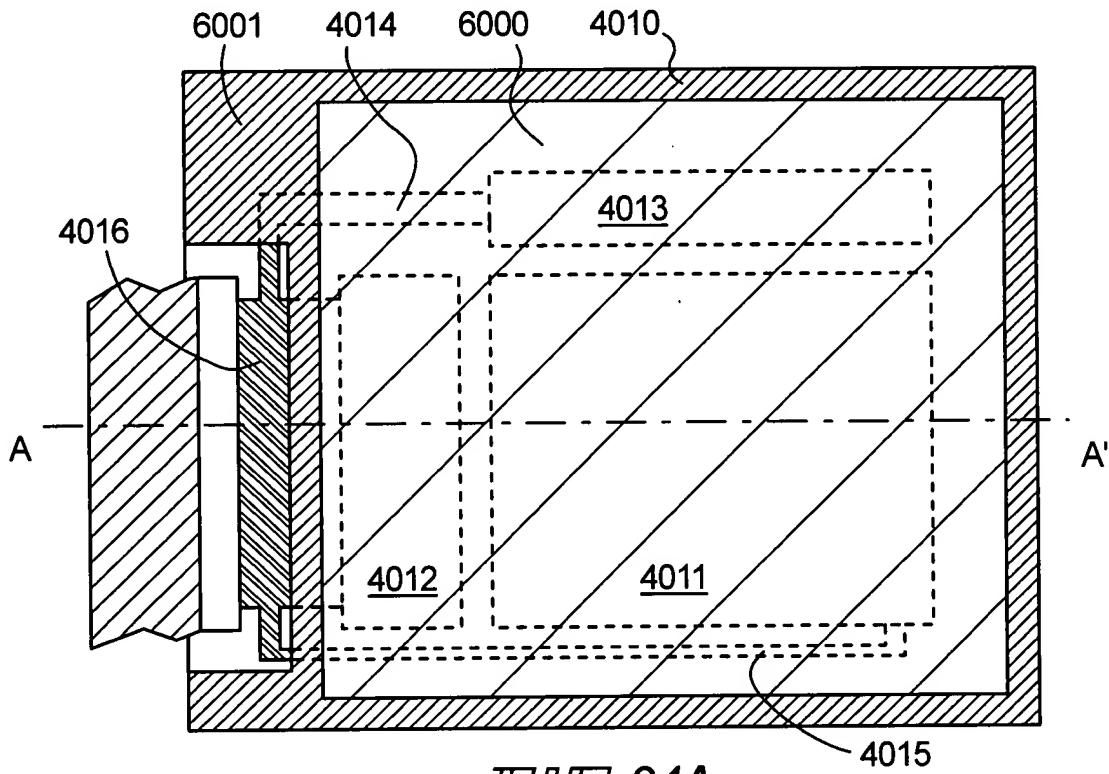


FIG. 34A

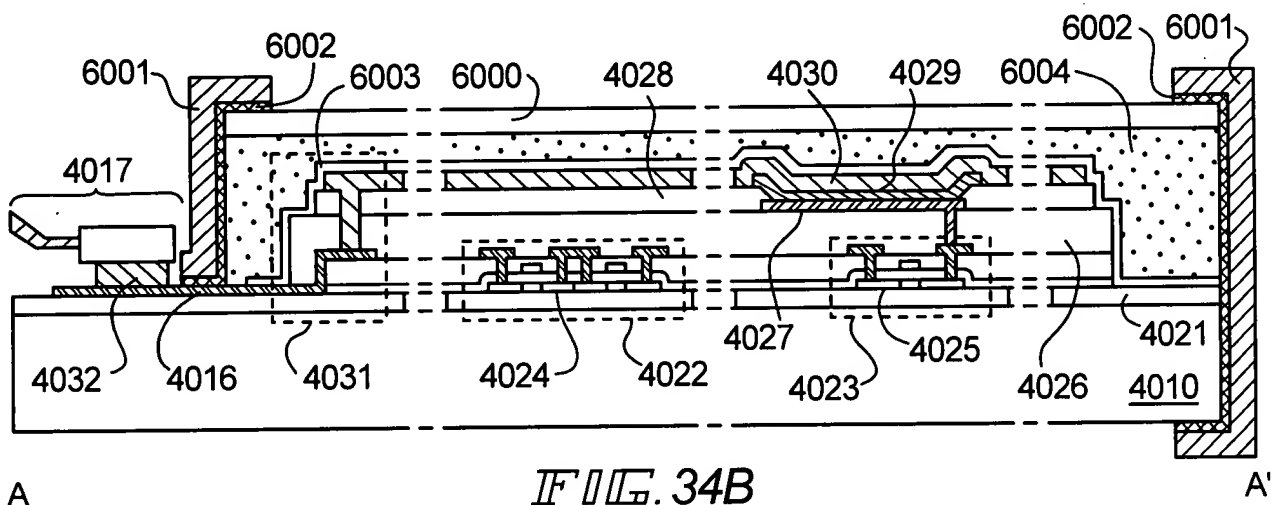


FIG. 34B

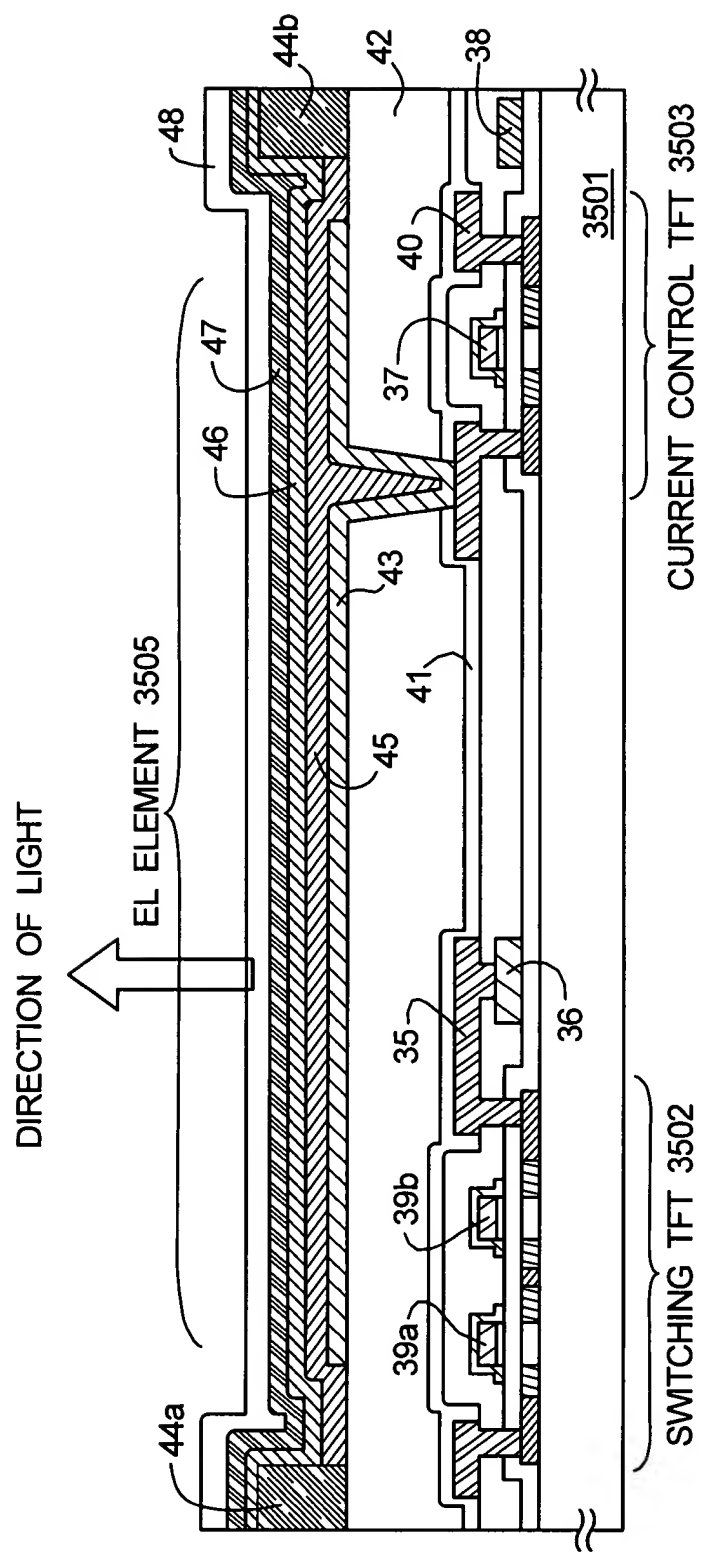


FIG. 35







**FIG. 37**

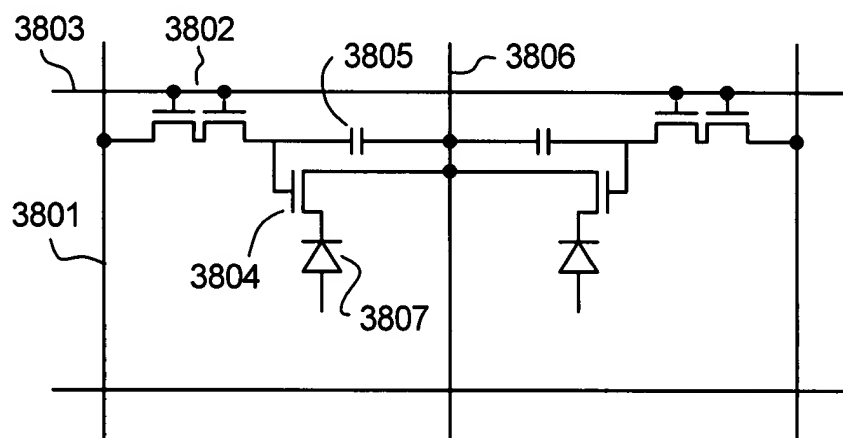


FIG. 38A

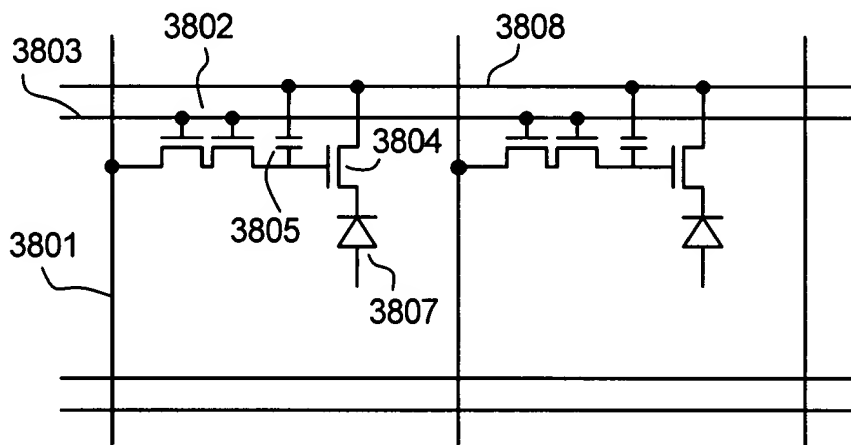


FIG. 38B

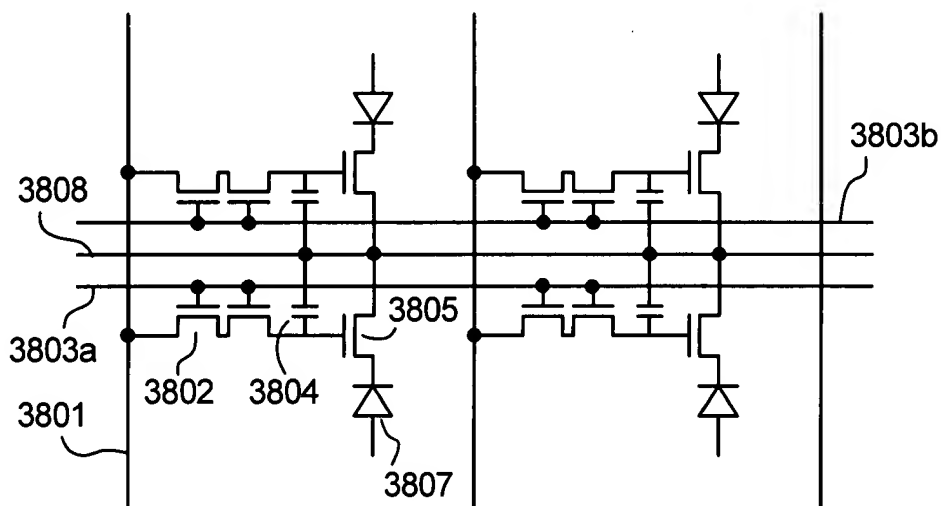
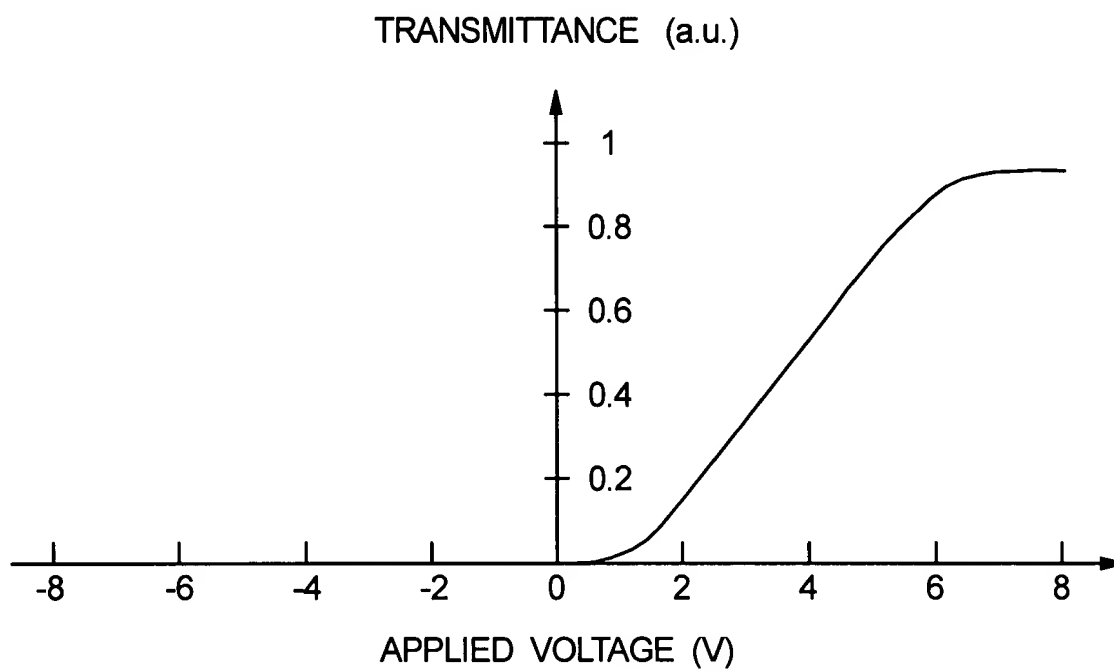


FIG. 38C

*FIG. 39*